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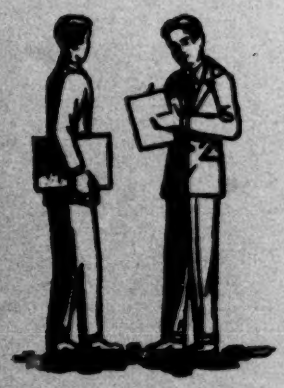
In the belief that college and university programs cannot be meaningfully improved in the absence of information about their outcomes and effects, the Wisconsin State Universities System conducted a special alumni survey to obtain 1968 data on the occupation, salary, income and continuing education of a random sample of persons who had attended some of the State institutions. This report presents: (1) the survey instrument; (2) a discussion of the sample selection, the mailing, and the response; and (3) information and tables on post college earning for men and women both in terms of lifetime earnings and first year earnings by major field of study. (AF)

ED052700

SPECIAL ALUMNI SURVEY

Design, Coding, and Data on Earnings.

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WISCONSIN STATE UNIVERSITIES
SPECIAL ALUMNI SURVEY

FIRST REPORT

DESIGN, CODING, AND DATA ON EARNINGS

David R. Witmer

Office of Institutional Studies
Board of Regents of State Universities

Madison, Wisconsin

1970

TABLE OF CONTENTS

	Page
Introduction	1
The Instrument	1
Sample Selection, Mailing, and Response	3
Detailed sampling description	4
Follow-up	21
Response	21
Coding	22
Post College Earnings	73
Lifetime earnings	90
First Year earnings	94
Findings	127
Notes on Appendix B	128

LIST OF TABLES

Table		Page
B1	POST COLLEGE EARNINGS IN 1968: FULLY EMPLOYED MEN ..	74
B2	POST COLLEGE EARNINGS IN 1968: FULLY EMPLOYED WOMEN	85
B3	MEAN TOTAL POST COLLEGE LIFETIME EARNINGS BY BROAD FIELD OF STUDY: FULLY EMPLOYED MEN	91
B4	MEAN TOTAL POST COLLEGE LIFETIME EARNINGS BY BROAD FIELD OF STUDY: FULLY EMPLOYED WOMEN	93
B5	MEAN PERSONAL EARNINGS IN 1968 AND DURING THE FIRST YEAR FOLLOWING GRADUATION BY BROAD FIELD OF STUDY: MEN FULLY EMPLOYED IN BOTH YEARS	95
B6	MEAN PERSONAL EARNINGS IN 1968 AND DURING THE FIRST YEAR FOLLOWING GRADUATION BY BROAD FIELD OF STUDY: WOMEN FULLY EMPLOYED IN BOTH YEARS	104
B7	COMPARISONS OF ESTIMATED SALARY, AND ACTUAL TOTAL, FIRST YEAR, EARNINGS OF FULLY EMPLOYED MEN, BY MAJOR: 1963, 1964, 1965, 1966, and 1967 GRADUATES	110
B8	COMPARISONS OF ESTIMATED SALARY, AND ACTUAL TOTAL, FIRST YEAR, EARNINGS OF FULLY EMPLOYED WOMEN, BY MAJOR: 1963, 1964, 1965, 1966, and 1967 GRADUATES	120

Introduction

In the course of building a benefit-cost model of the Wisconsin State Universities we were unable to find adequate data on the post-graduate status and experience of former students. Although placement reports reflecting occupation, earnings, continuing education, etc., during the first year following graduation, were available, comparable reports for subsequent years were not. Attempts to meet the need by piecing together data from other studies, including the U.S. Census Bureau's March 1967 Current Population Survey were not successful. In the belief that college and university programs cannot be meaningfully improved in the absence of information about their outcomes and effects, we mounted this Special Alumni Survey.

The Instrument

To keep the survey instrument short, questions concerning the characteristics, experiences, and activities of former college students were limited to those which would provide data not elsewhere available. Feelings, attitudes, and opinions were not solicited, nor was broad sociological and psychological data requested. Background data, on academic aptitude, academic performance, etc., are available in university files. The Wisconsin State Universities are expected to participate in the forthcoming broad based Central States Colleges and Universities Alumni Survey and have contributed to various nation-wide studies which had wide and multiple purposes.[1] The enclosed instrument seemed adequate for the task of closing the gaps in our file of information.

State of Wisconsin \ BOARD OF REGENTS OF STATE UNIVERSITIES

142 EAST GILMAN STREET (MAIL: P.O. BOX 912)
MADISON, WISCONSIN 53701

Dear Alumnus:

Your cooperative response to the questions below is respectfully requested. The data and comments will be used by those planning better college and university programs of study and also will help students make better academic and career decisions.

Please do not sign this questionnaire. No names are being used in connection with the study. All replies will be anonymous.

Please answer the questions, place your reply in the return envelope (which needs no postage), seal and mail at your earliest convenience. Thank you for cooperating.

David R. Witmer
Director of Institutional Studies

I entered _____ (name of college or university) in _____ (year)
I graduated from _____ in _____ with a Bachelor's degree ____ Teaching certificate ____.
My major program of study was _____
In 1968, I was employed full time ___, part time ___ as a _____
_____
In 1968, I was a member of the U. S. Armed Forces ___, Peace Corps ____, VISTA ____, religious order ___, other voluntary government or church related service ____, unemployed due to illness____, inability to find acceptable employment ____, for another reason (specify): _____.
My personal earnings from salary, wages, and net income (from farm and non-farm self-employment) before taxes in 1968 were $_____.
My other income from all sources, including dividends, interest, rent, Social Security, royalties, etc., before taxes in 1968 was $_____.
My personal earnings during the first year after graduation from college were $_____ (answer only if you were fully employed during that year.)
I am male____ female _____ and am _____ years old.
In 1968, my state and nation of residence were _____.
I have earned the following advanced degrees:
_____ Master's degree at _____ (university) in _____ (year)
_____ Ph.D. or Ed.D. at _____ (university) in _____ (year)
_____ Other _____ (List) at _____ (university) in _____ (year)
I have the following comments on how college and university programs can be improved (use other side if necessary): _____
_____
_____
_____

The instrument was prepared with the advice and help of Professor E. Kenneth Little, University of Wisconsin; Robert J. Doyle, Assistant to the Director of Wisconsin State Universities, the Wisconsin State Universities' Alumni Directors, and others. Statistical consultants were Raymond Duane Nashold, Director of Statistical Services of the Bureau of Health Statistics, Wisconsin Department of Health and Social Services; James R. Topping, Research Associate, Board of Regents of Wisconsin State Universities; Bruce I. Oppenheimer, Lecturer in Statistics, University of Wisconsin; and Richard J. Lochrie, Consultant on Computer Applications in Statistics, Social Science Data and Computation Center, University of Wisconsin.

Sample Selection, Mailing, and Response

Addressees for this Special Alumni Survey were selected from former student address files maintained by Wisconsin State Universities' Alumni Offices. Addressees included non-graduates as well as graduates; non-members as well as members of alumni organizations. Instruments were mailed to addresses supplied by one university at a time, starting with Oshkosh in September 1969. After each mailing, responses were tabulated in terms of sex, major program of study, and year of graduation before the next sample was selected.

Selection was controlled to yield valid samples of graduates of each sex with different major programs of study who graduated in particular years. With a few exceptions, which can be inferred from the detailed sampling procedure described below, the responses do not represent valid samples of all of the graduates of the schools, colleges,

or universities, nor of all of the graduates of particular classes of the schools, colleges, or universities. Nor do the responses represent a valid cross-section of all graduates of all Wisconsin State Universities. Data from the responses can however be weighted to yield secondary information about a great number of populations. Data will be made available to other researchers for any reasonable, scholarly purpose.

Detailed sampling description. Special Alumni Survey instruments, with pre-addressed, postage paid, return envelopes were mailed to 1835 addresses from the Wisconsin State University-Oshkosh alumni file, which was in alphabetical order, by selecting every seventh plate, starting with the third; to 1365 addresses from the WSU-Superior alumni file for 1965 and before, which was in alphabetical order, by selecting every third label, starting with the first; to 455 addresses from the Superior files for 1966 and 1967, which were in alphabetical order by selecting every eighth label, beginning with the second; to 1375 addresses from the WSU-Platteville alumni files for the Schools of Agriculture, Engineering, and Industry, which were in alphabetical order, by selecting every seventh label, beginning with the fourth; to 2065 addresses from the WSU-LaCrosse alumni files, which were in alphabetical order, by year, by selecting the following number at random, using a computerized random number generator, from the file for ear year grouping:

Years	File Size	Number Selected
1967	388	75
1966	422	75
1965	357	75
1960-1964	1499	680
1955-1959	1080	75
1950-1954	853	75
1945-1949	543	75
1940-1944	474	75
1935-1939	466	75
1930-1934	637	95
1925-1929	523	180
1920-1924	560	225
1919, earlier and no year recorded	872	285

Instruments were mailed to 1435 addresses from the WSU-River Falls, alumni files, which were in alphabetical order, by sex, by year, by selecting, at random, the following number by sex for the years indicated, from a total file of 18,000:

Years	Number Selected		Years	Number Selected	
	Men	Women		Men	Women
1964	47	189	1930-1934	60	111
1963	46	54	1925-1929	83	105
1962	68	46	1920-1924	83	139
1961	63	33	1915-1919	91	126
1960	45	56			

Instruments were mailed to 1655 addresses from the Stout State University alumni files, which were in geographical order, by sex, by year, by selecting, at random, the following number by sex for the years

indicated, from a total of 6300:

Years	Number Selected		Years	Number Selected	
	Men	Women		Men	Women
1967	98	70	1950-1954	20	45
1966	71	53	1945-1949	20	47
1965	76	53	1940-1944	31	41
1964	36	58	1935-1939	20	41
1963	39	53	1930-1934	30	67
1962	44	54	1925-1929	56	58
1961	29	51	1920-1924	59	62
1960	26	61	1915-1919	59	66
1955-59	20	41			

Instruments were mailed to 1595 addresses from the WSU-Whitewater alumni files, which were in alphabetical order by geographical location, by selecting 3030 labels which carried major program of study codes. Labels for women who majored in elementary education and graduated in 1935 and since, for women who majored in elementary education and graduated in 1914 and before, for men who majored in elementary education and graduated during the period 1955-1959, and 512 labels (the first 42 and every sixth label thereafter) were removed from the file leaving the following:

Years	Major Program of Study					
	Elementary Education		Business Education		Business Administration (and Related Majors)	
	Men	Women	Men	Women	Men	Women
1967	9	0	8	12	36	1
1966	10	0	8	11	30	2
1965	10	0	4	11	25	2
1964	0	0	5	6	2	0
1963	1	0	5	6	2	0
1962	0	0	5	6	2	0
1961	1	0	5	7	2	2
1960	1	0	5	7	2	1
1955-1959	0	0	30	52	18	2
1950-1954	5	0	30	42	18	2
1945-1949	12	0	26	60	0	1
1940-1944	8	0	30	70	2	2
1935-1939	2	0	31	61	2	0
1930-1934	3	20	27	48	0	2
1925-1929	2	20	13	14	2	1
1920-1924	1	20	5	22	2	1
1915-1919	2	20	3	9	2	0

Major Programs of Study

Years	Biology		English		Mathematics		Chemistry	
	Men	Women	Men	Women	Men	Women	Men	Women
1967	5	0	5	1	12	2	0	0
1966	3	0	2	6	8	1	0	0
1965	1	0	2	4	4	2	0	2
1964	0	0	3	1	0	4	0	1
1963	0	1	1	1	0	1	0	0
1962	0	0	0	1	0	1	0	0
1961	0	0	4	0	0	0	0	0
1960	0	0	2	1	0	2	0	0
1955-1959	2	0	5	7	8	2	2	0
1950-1954	2	0	5	3	10	0	0	1
1945-1949	1	0	1	2	5	4	0	0
1940-1944	0	0	2	6	2	2	0	0
1935-1939	1	1	0	3	2	1	3	0
1930-1934	0	0	1	2	2	0	0	0
1925-1929	0	0	0	1	0	0	0	1
1920-1924	0	0	0	1	2	1	0	0
1915-1919	0	0	0	0	0	1	0	0

Major Program of Study

Years	General Science		Physics		Economics		Geography		History	
	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women
1967	1	0	0	0	4	1	4	1	5	2
1966	0	0	4	0	1	0	4	1	5	0
1965	1	1	0	0	0	0	2	1	4	0
1964	0	0	1	0	1	0	1	0	0	23
1963	1	0	2	0	2	0	0	0	0	0
1962	1	0	2	1	1	0	1	0	0	1
1961	1	0	2	1	1	0	0	0	0	0
1960	0	0	2	0	2	0	0	0	2	0
1955-1959	2	0	6	0	2	0	0	1	0	0
1950-1954	6	1	2	0	2	0	1	0	3	0
1945-1949	2	0	0	0	0	0	0	0	0	2
1940-1944	0	2	0	0	0	0	0	0	2	1
1935-1939	2	0	0	0	1	0	1	0	3	1
1930-1934	1	0	0	0	0	0	0	1	2	0
1925-1929	0	1	0	0	1	0	0	0	1	0
1920-1924	1	0	0	0	0	0	0	0	0	0
1915-1919	0	0	0	0	0	0	0	0	1	0

Years	Major Program of Study			
	Social Science		Others	
	Men	Women	Men	Women
1967	1	1	8	5
1966	4	0	7	4
1965	2	0	6	3
1964	2	0	2	2
1963	2	0	0	2
1962	2	0	1	3
1961	1	1	2	0
1960	1	1	0	0
1955-1959	5	0	1	2
1950-1954	9	2	2	0
1945-1949	4	1	0	2
1940-1944	4	0	0	0
1935-1939	2	2	1	0
1930-1934	1	0	0	0
1925-1929	1	0	0	1
1920-1924	0	0	1	0
1915-1919	0	0	0	0

Program, year, or sex not specified: 172.

Instruments were mailed to 1050 addresses from the WSU-Eau Claire alumni files by selecting labels which corresponded to entries in the Registrar's graduation lists for 1948 through 1967. Year of graduation, sex, and major program of study were the basis of the stratified random selection of the following (Note, below, that selections from the Eau Claire file for the years prior to 1948 were made later):

	Major Program of Study							
	Biology		Art		Business		Elementary Education	
Years	Men	Women	Men	Women	Men	Women	Men	Women
1967	15	2	2	1	2	5*	2	0
1966	6	2	2	4	0	5*	0	0
1965	10	2	2	2	2*	2	0	0*
1960-1964	9*	2	5	3	2*	0*	0*	0*
1955-1959	11*	3	0	0	0	0	0*	0*
1950-1954	5	1	1	0	0	0	0*	0*
1948&1949	0	1	0	0	0	0	0	0*

*Indicates that not all of the available addresses were used; in every other case every address for each cell was used. Here, and throughout the Eau Claire, Whitewater, and Stevens Point alumni address files, the very small number of students majoring in certain fields, prior to 1960, was the limiting factor. At the other six universities, alumni address files did not indicate major field of study.

Years	Major Program of Study							
	Junior High and General Education		Music		Special Education		Speech	
	Men	Women	Men	Women	Men	Women	Men	Women
1967	6	0	3	2	3	4	2	2
1966	3	0	2	7	2	2	2	2
1965	5	0	5	2	0	1	2	2
1960-1964	0	0	6	6	2	5	12	2
1955-1959	0	0	11	2	0	0	12	2
1950-1954	0	0	6	1	0	0	2	1
1948&1949	0	0	0	0	0	0	1	0

Years	Major Program of Study							
	English		Foreign Language		Medical Technology		Speech Correction	
	Men	Women	Men	Women	Men	Women	Men	Women
1967	10	19	2	8	0	6	0	2
1966	7	11	2	11	2	7	2	2
1965	6	7	2	2	2	7	1	2
1960-1964	17*	1*	2	2	7	3	0	0
1955-1959	11	7	2	0	0	0	0	0
1950-1954	6	0	1	0	0	0	0	0
1948&1949	2	0	0	0	0	0	0	0

Major Program of Study

Years	Mathematics		Chemistry		General Science		Physics	
	Men	Women	Men	Women	Men	Women	Men	Women
1967	11*	3	13	2	1	2	3	0
1966	13*	2	11	0	2	0	4	0
1965	23	2	7	1	5	1	2	0
1960-1964	22*	7	9*	2	9	1	7	1
1955-1959	22*	1	3	0	20	1	1	0
1950-1955	1*	2	0	0	20	1	0	0
1948&1949	9	0	0	0	5	0	0	0

Major Program of Study

Years	Psychology		Economics		Geography and Geology		History	
	Men	Women	Men	Women	Men	Women	Men	Women
1967	13	2	6	0	10	0	9*	5
1966	2	2	5	0	5	0	11	2
1965	7	2	2	0	7	1	10	2
1960-1964	13	5	2*	1	13	0	3*	7
1955-1959	2	0	26*	0	8	0	7	2
1950-1954	0	0	2	0	11	0	0*	1
1948&1949	0	0	0	0	2	0	7	1

*Indicates that not all of the available addresses were used; in every other case every address for each cell was used. Here, and throughout the Eau Claire, Whitewater, and Stevens Point alumni address files, the very small number of students majoring in certain fields, prior to 1960, was the limiting factor. At the other six universities, alumni address files did not indicate major field of study.

Years	Major Program of Study					
	Political Science		Social Science		Sociology	
	Men	Women	Men	Women	Men	Women
1967	5	2	12	2	8	11
1966	7	0	15	2	9	10
1965	5	0	11	2	2	2
1960-1964	13	1	2*	2	5*	8
1955-1959	2	0	11*	2	0	0
1950-1954	0	0	1*	0	0	0
1948&1949	0	0	7	0	0	0

*Indicates that not all of the available addresses were used; in every other case every address for each cell was used. Here, and throughout the Eau Claire, Whitewater, and Stevens Point alumni address files, the very small number of students majoring in certain fields, prior to 1960, was the limiting factor. At the other six universities, alumni address files did not indicate major field of study.

After the mailing to Stevens Point Alumni (see below), instruments were mailed to 1555 addresses from the WSU-Eau Claire alumni files, which were in geographic location order, by year, by sex, for the years 1925 through 1947 after every fourth address, beginning with the second, had been removed. The resulting distribution was as follows:

Years	Men	Women
1945-1947	80	192
1940-1944	102	263
1935-1939	116	169
1930-1934	118	262
1925-1929	49	204

This was the final mailing and included a remailing of instruments previously returned as undeliverable, so that the total number of instruments mailed was 15,585 instead of 15,000 as originally planned.

Instruments were mailed to 1200 addresses chosen from a total of 19,853 records in the WSU-Stevens Point alumni file which was in alphabetical order. About one-fourth of the records included year and major program of study. Year of graduation, sex and major program of study were the basis of stratification from which random selections were made as follows:

	Major Program of Study					
	Biology		Art		Business	
Years	Men	Women	Men	Women	Men	Women
1967	10*	3	4	3	2	1
1966	21*	2	2	2	0	0
1965	11	1	4	4	2	1
1960–1964	1*	4	2	2	0*	0*
1955–1959	1*	2	0	1	0	0
1950–1954	7	1	0	0	0	1
1945–1949	5	2	0	0	0	0
1940–1944	3	2	0	0	0	0
1935–1939	2	1	0	0	0	0
1930–1934	1	0	0	0	0	0
1925–1929	0	0	0	0	0	0
1920–1924	0	0	1	0	0	0
1919 and earlier	0	0	0	0	0	0

	Major Program of Study							
	Elementary Education		General & Jr. High Education		Music		Special Education	
Years	Men	Women	Men	Women	Men	Women	Men	Women
1967	14*	0*	2	0	5	5	0	0
1966	8	0*	1	2	3	3	0	0
1965	3*	0*	0	0	3	4	0	3
1960-1964	0*	0*	3	4	11*	15	0	1
1955-1959	0*	0*	4	3	5	2	0	0
1950-1954	0*	0*	0	2	1	1	0	0
1945-1949	5	0*	8	0	0	1	0	0
1940-1944	8	0*	9	0	0	0	0	0
1935-1939	5	0*	7	0	0	0	0	0
1930-1934	4	0*	2	0	0	0	0	0
1925-1929	3	0*	2	1	0	0	0	0
1920-1924	5	15*	4	1	0	0	0	1
1919 & earlier	3	49*	0	0	0	0	0	0

Years	Major Program of Study									
	Speech		English		Foreign Language		Medical Technology		Speech Correction	
	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women
1967	4	3	10	11	1	2	1	3	1	5
1966	2	0	5	14	0	3	1	2	1	3
1965	1	2	8	12	1	0	0	2	1	1
1960-1964	3	4	0*	1*	3	2	1	3	0	2
1955-1959	1	0	3*	9	0	1	1	2	0	0
1950-1954	0	0	5*	3	1	0	0	0	0	1
1945-1949	0	0	1	7	0	0	0	0	0	1
1940-1944	0	0	2	8	0	0	0	0	0	0
1935-1939	0	0	1	7	0	0	0	0	0	0
1930-1934	0	0	0	4	0	0	0	0	0	0
1925-1929	0	0	0	3	1	1	0	0	0	0
1920-1924	0	0	0	1	1	0	0	0	0	0
1919 & earlier	0	0	0	2	0	0	0	0	0	0

Years	Major Program of Study									
	Mathematics		Chemistry		General Science		Physics		Psychology	
	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women
1967	0*	5	4	1	5	0	2	0	7	2
1966	0*	1	2	0	1	0	0	0	1	2
1965	1*	5	2	1	3	0	1	0	2	0
1960-1964	0*	3	0*	2	11	0	2*	0	0	1
1955-1959	0*	0	5*	1	5	1	0	0	1	0
1950-1954	0*	4	3	0	2*	1	0	0	2	0
1945-1949	4	3	3	0	10	0	0	0	0	1
1940-1944	4	2	1	0	11	0	0	0	0	0
1935-1939	8	0	3	0	8	0	1	0	0	0
1930-1934	3	1	0	0	2	0	0	0	0	0
1925-1929	1	0	0	0	5	0	0	1	0	0
1920-1924	0	0	1	0	2	0	1	0	0	0
1919 & earlier	0	0	0	0	0	0	0	0	0	0

Years	Major Program of Study											
	Economics		Geography and Geology		History		Political Science		Social Science		Sociology	
	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women
1967	15*	2	5	0	0*	4	5	1	8	0	7	4
1966	14	1	3	0	11*	4	3	0	2	2	2	2
1965	8	1	8	2	10	1	3	0	2	0	2	3
1960–1964	0*	2	6	0	1*	5	1	0	0*	2	0*	2
1955–1959	0*	1	5	0	1*	3	0	0	0*	0	1	0
1950–1954	0	0	4	1	2*	3	1	0	0*	0	0	0
1945–1949	0	0	5	2	4	2	0	0	3	0	0	0
1940–1944	0	0	1	2	9	4	0	0	11	0	0	0
1935–1939	0	0	2	1	5	2	0	0	8	2	1	0
1930–1934	0	0	0	0	2	1	0	0	3	0	1	0
1925–1929	0	0	0	0	1	1	0	0	2	0	0	0
1920–1924	0	0	0	0	0	0	0	0	2	0	0	0
1919 & earlier	0	0	0	0	0	0	0	0	1	0	0	0

Years	Major Program of Study			
	Conservation and Forestry Men	Home Economics Women	Philosophy Men	Physical Education Women
1967	31*	0*	1	0*
1966	18	0*	0	0*
1965	14	0*	0	1
1960-1964	25	0*	0	0*
1955-1959	24	18*	0	1
1950-1954	12	18	0	1
1945-1949	4	14		
1940-1944	0	18		
1935-1939	0	13		
1930-1934	0	11		
1925-1929	0	4		
1920-1924	0	7		
1919 & earlier	0	4		

Follow up. The instruments did not call for signitures, nor were the instruments coded or in any other way identified with a person or address. It was not possible to send specifically addressed reminders nor follow-up notices. Second and subsequent mailings to the complete original list of addresses was deemed more expensive than warranted by the probable results. Two respondants insisted that hidden methods were being used to identify persons supplying data (Both returned complete instruments non-the-less!). Fear that a second general mailing would suggest that possibility to others was a consideration in the decision not to do so.

Response. As of 15 August 1970, eleven months after the first mailing, the following returns had been made:

Total mailed	15,585	
Returned as undeliverable	587	
(Deceased .....9)		
(Not at address given ...576)		
Presumably delivered[2]	From 14,998 100%	to 14,690 100%
No response	From 6,920 46%	to 6,612 45%
Response	From 8,078 54%	to 8,078 55%

Coding

The Special Alumni Survey instruments were coded and key punched for computer processing. Occupations were assigned six diget codes based on the U.S. Labor Department's Dictionary of Occupational Titles.[3] Colleges and Universities were assigned three diget codes based on the Wisconsin State University 1967 codebook.[4] The following tables have been arranged for decoding the data now stored in machine readable cards. All data is coded as reported during the period 15 September 1969 through 15 August 1970.

Pages 23-72, which contain information
for decoding machine readable data cards,
have been omitted from this edition.

Post College Earnings

College graduates earn more, on average, then persons who attended college but did not graduate who in turn earn more than high school graduates who did not enter college. Fully employed college graduates who majored in engineering generally earn more than those who majored in chemistry who generally earn more than those who majored in history. Detailed information on the earnings of college graduates in different fields of study was developed as follows:

(a) The records of fully employed college graduates who reported 1968 earnings were selected.

(b) These records were then divided by sex and broad field of study.

(c) These records were then sorted by year of graduation and divided into groups which contained, at least, all of the records from a single year.

(d) The number earnings mean, earnings median, standard deviation, and coefficient of variability were computed.[5] The results of these actions are displayed in Tables B1 and B2.

TABLE B1

POST COLLEGE EARNINGS IN 1968: FULLY EMPLOYED MEN

Broad Field of Study	Year of Graduation (average)	Average Age	Earnings in 1968 Mean	Earnings in 1968 Median	Standard Deviation of Mean	Coefficient of Variability	Number
1. Accounting	1967	24	$ 8,995	$ 9,000	$1,109	.123	13
	1965	25	10,038	9,900	1,853	.185	14
	1956	36	14,258	10,200	6,222	.436	11
2. Agriculture	1967	23	8,005	8,000	583	.073	11
	1966	24	8,393	8,600	1,067	.127	11
	1964	25	8,886	8,463	1,899	.214	22
	1963	27	10,119	9,900	1,809	.179	14
	1961	30	10,207	9,395	3,308	.324	23
	1958	33	11,176	9,700	3,310	.296	17
	1956	34	11,413	11,200	4,675	.410	15
	1955	35	11,579	10,500	2,478	.214	9
	1953	36	11,629	12,000	2,927	.252	12
	1951	39	11,774	11,444	2,010	.171	10
	1948	42	13,543	10,200	6,713	.491	7
	1942	48	14,515	12,400	7,020	.484	15
	1938	50	13,638	11,250	5,982	.439	8
	1934	57	13,556	10,500	6,285	.464	13
	1927	63	16,707	15,500	5,452	.326	10
	1922	67	15,729	16,500	7,575	.482	7
3. Agriculture Education	1965	25	9,336	8,823	3,427	.367	14
	1963	26	9,631	9,750	2,361	.245	14
	1962	27	9,725	9,200	1,647	.169	12
	1961	28	9,763	8,879	2,710	.278	12
	1960	30	10,693	10,500	2,667	.249	19
	1959	31	10,740	10,000	3,490	.325	18

TABLE B1 (Cont.)

Broad Field of Study	Year of Graduation (average)	Average Age	Earnings in 1968 Mean	Earnings in 1968 Median	Standard Deviation of Mean	Coefficient of Variability	Number
			$	$	$		
Agriculture Education (cont.)	1958	33	11,044	11,610	2,648	.240	14
	1956	34	12,742	13,000	2,706	.212	10
	1953	38	12,777	12,000	3,245	.254	11
	1951	39	12,810	12,319	3,650	.285	16
	1949	43	13,150	12,500	3,426	.261	15
	1947	46	13,338	12,100	2,596	.195	10
	1941	48	13,425	12,250	3,106	.231	12
	1936	54	14,963	13,488	5,570	.372	14
	1931	58	15,455	13,250	5,394	.349	10
4. Biological and Psychological Sciences	1967	24	7,404	7,200	1,414	.191	27
	1966	25	7,962	8,000	1,527	.192	20
	1965	26	8,953	8,000	3,196	.357	13
	1964	27	8,965	8,800	1,637	.183	10
	1962	31	9,487	9,500	1,568	.165	21
	1960	32	10,757	10,000	3,617	.336	21
	1959	33	10,932	10,300	2,340	.214	20
	1956	35	16,055	14,528	6,696	.417	12
	1951	40	16,047	14,000	6,676	.416	13
	1945	47	16,360	16,000	4,166	.255	10
	1936	53	19,120	16,000	5,523	.289	9
	1929	58	22,056	18,000	10,910	.495	9
5. Business Administration	1967	23	8,373	8,500	1,554	.186	21
	1966	24	8,515	8,500	1,736	.204	22
	1965	25	9,769	8,900	2,665	.273	15
	1964	26	9,617	9,000	2,413	.251	12
	1963	27	11,287	9,700	3,265	.289	15
	1961	31	11,677	10,500	3,907	.335	12

TABLE B1 (Cont.)

Broad Field of Study	Year of Graduation (average)	Average Age	Earnings in 1968 Mean	Earnings in 1968 Median	Standard Deviation of Mean	Coefficient of Variability	Number
Business Administration (Cont.)	1959	32	$12,933	$11,500	$4,960	.384	15
	1957	33	13,650	13,400	2,603	.191	10
	1949	41	20,078	16,000	8,255	.411	9
	1941	52	16,629	14,650	4,010	.241	5
	1925	64	23,500	20,000	10,555	.449	5
6. Business Education	1966	25	8,874	9,000	910	.103	9
	1963	28	9,920	8,800	2,395	.241	15
	1959	33	11,607	11,000	353	.030	19
	1956	34	11,600	11,702	2,863	.247	12
	1954	36	11,740	11,984	1,876	.160	7
	1952	40	12,218	12,300	2,140	.175	16
	1949	42	14,261	13,442	4,163	.292	20
	1946	45	15,152	14,578	5,105	.337	20
	1941	49	15,204	15,700	5.059	.333	14
	1939	51	15,500	15,099	3.424	.221	10
	1936	54	17,165	15,000	6,487	.320	14
	1934	57	16,060	14,350	7,558	.471	10
	1931	61	14,864	13,048	4,132	.280	10
	1928	62	13,911	12,726	5,397	.388	8
7. Chemistry	1967	24	7,842	8,000	2,923	.373	11
	1964	26	8,932	9,000	1,360	.152	13
	1962	27	11,042	10,500	1,914	.173	12
	1960	30	12,256	11,067	2,877	.235	18
	1958	32	12,305	12,000	2,817	.229	11
	1956	34	13,063	13,700	2,360	.181	11
	1951	40	15,788	14,500	5,004	.317	17
	1942	49	15,546	14,372	5,032	.323	14

TABLE B1 (Cont.)

Broad Field of Study	Year of Graduation (average)	Average Age	Earnings in 1968 Mean	Earnings in 1968 Median	Standard Deviation of Mean	Coefficient Of Variability	Number
Chemistry (Cont.)	1935	53	$15,098	$15,545	$5,272	.349	6
	1930	62	18,082	18,000	6,603	.365	9
8. Civil Engineering	1967	24	9,441	9,039	1,400	.148	25
	1966	25	9,594	10,000	1,095	.114	9
	1965	26	10,178	10,000	1,066	.105	13
	1964	27	11,252	10,900	1,333	.118	14
	1963	28	12,180	12,000	1,631	.134	12
	1962	30	12,682	12,500	2,794	.220	17
	1960	31	13,257	12,250	3,441	.260	14
	1955	35	13,991	13,000	2,967	.212	11
	1939	50	21,105	22,000	5,915	.280	7
9 Conservation	1966	24	7,532	7,200	1,441	.191	10
	1965	26	8,551	8,300	1,498	.175	8
	1962	29	8,970	8,400	1,956	.218	11
	1957	33	9,378	8,990	1,848	.197	15
	1946	43	14,214	13,000	6,593	.464	7
10. Economics	1967	25	8,546	8,200	1,245	.146	13
	1965	26	8,969	9,350	1,292	.144	17
	1962	30	12,281	12,000	4,223	.344	16
	1959	33	13,690	13,491	4,264	.311	8
	1957	35	13,867	12,000	4,924	.355	9
	1951	41	14,550	14,850	4,490	.309	6
	1932	56	23,800	19,000	11,454	.481	6

TABLE B1 (Cont.)

Broad Field of Study	Year of Graduation (average)	Average Age	Earnings in 1968 Mean	Earnings in 1968 Median	Standard Deviation of Mean	Coefficient of Variability	Number
11. Elementary Education	1967	24	$ 7,458	$ 8,000	$1,679	.225	9
	1966	25	7,550	7,100	1,108	.147	16
	1965	26	8,276	8,000	1,446	.175	15
	1964	27	8,345	8,292	1,565	.188	10
	1963	30	8,839	8,850	1,190	.135	12
	1962	32	9,530	9,300	1,672	.175	11
	1961	34	10,168	10,000	1,809	.178	18
	1960	35	11,052	11,000	2,258	.204	12
	1958	36	10,959	10,600	1,845	.174	12
	1956	38	12,427	10,000	4,003	.322	13
	1954	43	12,426	10,000	3,217	.259	9
	1952	47	13,130	12,200	2,924	.223	8
	1948	49	15,094	13,459	3,827	.254	12
	1943	53	14,948	12,900	6,473	.433	15
	1938	55	16,081	15,182	3,702	.230	10
	1927	67	14,842	15,000	6,422	.433	14
12. English, Languages, and Communications	1967	23	6,948	7,087	681	.098	12
	1966	24	8,049	8,500	1,648	.205	10
	1964	26	8,084	7,500	1,542	.191	19
	1963	27	8,702	8,900	1,367	.016	18
	1961	30	10,341	10,800	1,809	.175	17
	1959	32	11,800	11,550	2,355	.200	10
	1955	36	12,121	11,582	3,540	.292	10
	1951	41	13,643	12,900	6,766	.496	7
	1950	43	13,693	12,000	3,365	.246	7
	1943	47	14,696	12,143	5,961	.406	10
	1938	53	14,729	13,500	3,668	.249	7

TABLE B1 (Cont.)

Broad Field of Study	Year of Graduation (average)	Average Age	Earnings in 1968 Mean	Earnings in 1968 Median	Standard Deviation of Mean	Coefficient of Variability	Number
English, Languages, and Communications (Cont.)	1934	56	$16,840	$15,000	$6,643	.394	13
	1931	58	16,210	16,067	4,564	.282	8
	1927	63	16,817	16,000	4,969	.295	13
13. Fine Arts	1966	24	7,039	6,700	1,619	.230	16
	1965	26	8,162	7,830	1,597	.196	18
	1962	28	10,544	9,350	3,668	.348	19
	1960	30	11,598	10,000	2,094	.181	10
	1956	34	12,783	12,000	4,526	.354	9
	1952	38	12,382	12,000	3,473	.280	9
14. General and Junior High Education	1967	25	7,647	7,742	763	.100	10
	1965	26	8,086	7,905	1,371	.170	16
	1963	27	9,054	9,000	1,682	.168	13
	1961	30	8,918	8,900	1,617	.181	11
	1957	34	12,076	12,250	2,755	.228	12
	1953	38	13,852	13,500	2,879	.208	15
	1950	42	14,098	12,500	6,347	.450	14
	1947	47	14,148	12,500	3,802	.269	13
	1941	49	16,125	14,000	7,192	.446	15
	1937	52	18,068	13,000	7,543	.417	11
	1931	60	17,000	16,000	5,538	.326	9
15. Geography and Geology	1967	24	6,834	6,525	1,338	.196	11
	1966	25	8,513	7,900	2,213	.260	16
	1965	26	9,054	8,920	1,379	.152	12
	1961	29	9,410	9,050	1,479	.157	7
	1957	34	10,715	10,536	3,207	.299	9
	1951	40	12,675	11,475	4,260	.328	14
	1942	49	12,363	12,500	1,503	.122	6

TABLE B1 (Cont.)

Broad Field of Study	Year of Graduation (average)	Average Age	Earnings in 1968 Mean	Earnings in 1968 Median	Standard Deviation of Mean	Coefficient of Variability	Number
16. History	1967	24	$ 7,219	$ 7,000	$1,618	.224	22
	1966	25	7,534	7,100	1,318	.175	16
	1965	26	8,032	8,143	1,841	.229	11
	1964	27	7,950	7,700	707	.089	8
	1962	28	9,459	9,450	1,735	.183	14
	1961	29	10,437	10,000	2,438	.234	11
	1959	34	11,346	10,400	2,689	.237	8
	1956	35	11,571	10,900	2,809	.243	14
	1953	37	12,621	12,000	3,818	.303	15
	1950	43	13,182	12,258	4,616	.350	12
	1949	44	14,327	13,013	6,560	.458	10
	1946	46	14,328	13,000	3,418	.239	11
	1942	48	14,445	13,500	4,601	.319	12
	1939	50	15,958	13,000	6,932	.434	11
	1936	53	16,555	12,000	7,000	.423	9
	1934	55	16,017	12,762	6,397	.399	10
	1931	60	16,138	16,275	5,207	.323	8
	1926	63	14,898	13,000	5,627	.378	9
17. Industrial Education	1967	23	7,800	7,750	1,571	.201	30
	1966	24	8,018	7,650	1,385	.173	37
	1965	25	8,560	8,450	1,704	.199	40
	1964	26	9,406	9,000	1,700	.181	29
	1963	27	9,408	9,000	2,076	.221	30
	1962	28	9,449	9,500	1,892	.200	37
	1961	29	9,469	9,000	1,379	.146	27
	1960	30	9,863	9,500	1,743	.177	22
	1959	32	11,391	11,150	1,611	.141	17
	1958	33	11,555	11,100	1,468	.127	12

TABLE B1 (Cont.)

Broad Field of Study	Year of Graduation (average)	Average Age	Earnings in 1968 Mean	Earnings in 1968 Median	Standard Deviation of Mean	Coefficient of Variability	Number
Industrial Education (Cont.)	1957	34	$11,746	$11,000	$2,691	.229	15
	1955	36	12,096	12,377	2,304	.190	10
	1952	39	11,346	11,200	1,205	.106	6
	1950	42	11,819	10,650	2,231	.189	9
	1949	43	12,783	12,225	2,550	.199	12
	1947	45	12,505	12,543	2,542	.203	11
	1946	47	14,651	14,000	3,916	.267	11
	1943	48	14,549	13,150	3,709	.255	8
	1940	51	13,803	12,000	4,472	.324	15
	1938	52	13,328	12,460	2,594	.195	11
	1936	54	14,865	12,800	4,002	.269	12
	1934	57	12,636	12,000	2,863	.227	9
	1932	59	12,409	12,000	1,752	.141	9
	1930	60	12,291	10,500	5,843	.475	11
	1929	61	11,462	11,500	5,433	.474	9
	1924	65	11,795	10,472	5,226	.443	12
18. Industrial Technology	1967	23	8,584	8,790	1,425	.166	10
	1966	25	8,972	9,300	1,122	.125	17
	1965	26	9,382	9,667	1,474	.157	17
	1963	27	10,461	9,800	3,604	.345	13
	1961	29	10,425	9,778	1,843	.177	10
	1960	30	10,361	11,000	2,406	.232	14
	1958	32	11,727	11,500	1,875	.160	11
	1956	35	11,745	10,692	2,085	.178	7
	1952	41	12,526	11,000	3,732	.298	13
	1947	44	14,051	12,500	5,146	.366	9
	1939	54	12,686	11,340	3,062	.241	13
	1931	63	11,569	11,000	2,764	.239	9

TABLE B1 (Cont.)

Broad Field of Study	Year of Graduation (average)	Average Age	Earnings in 1968 Mean	Earnings in 1968 Median	Standard Deviation of Mean	Coefficient of Variability	Number
19. Mathematics	1967	23	$ 7,462	$ 7,089	$1,607	.215	17
	1966	24	7,541	7,300	1,431	.190	20
	1965	25	8,418	8,035	1,848	.220	20
	1964	26	10,027	10,000	1,790	.179	15
	1963	27	10,434	9,900	2,731	.262	12
	1962	28	10,507	9,900	2,312	.220	18
	1960	30	10,673	10,750	2,059	.193	18
	1959	32	10,983	10,000	2,294	.209	17
	1957	33	11,894	11,750	2,185	.184	11
	1954	38	13,175	13,888	4,943	.375	8
	1950	41	14,240	13,750	4,176	.293	20
	1948	42	15,057	15,000	3,623	.241	17
	1944	46	14,937	13,500	6,174	.413	13
	1941	49	14,029	12,198	5,357	.383	8
	1938	52	14,437	14,045	4,812	.333	12
	1934	56	12,464	10,250	4,548	.365	7
	1931	60	14,809	13,500	7,004	.473	9
	1925	64	12,682	11,200	5,915	.466	15
20. Mining Engineering	1962	28	12,739	11,565	4,146	.325	12
	1959	31	14,020	12,250	5,439	.388	10
	1953	38	14,236	14,000	2,462	.173	11
	1950	40	14,305	14,000	3,074	.215	9
	1947	45	15,343	15,300	1,988	.130	11
	1942	48	17,711	15,400	6,660	.376	9
	1935	53	20,163	23,000	5,868	.291	9
	1925	64	15,441	13,000	5,823	.377	9

TABLE B1 (Cont.)

Broad Field of Study	Year of Graduation (average)	Average Age	Earnings in 1968 Mean	Earnings in 1968 Median	Standard Deviation of Mean	Coefficient of Variability	Number
21. Physical Education	1966	24	$ 7,850	$ 8,125	$2,556	.326	11
	1964	26	8,072	8,300	1,081	.134	17
	1963	27	8,937	9,000	1,298	.145	11
	1962	28	9,809	9,126	2,200	.224	11
	1960	30	11,917	10,650	5,495	.461	22
	1958	32	11,066	10,000	1,952	.176	7
	1954	35	12,980	11,000	3,914	.302	11
	1948	45	13,280	13,000	3,352	.252	9
	1939	52	13,799	12,470	4,931	.357	10
	1929	61	12,236	11,000	3,695	.302	11
22. Physics	1967	23	7,533	7,000	1,917	.254	9
	1966	24	8,024	7,800	1,906	.238	11
	1965	27	8,769	9,000	1,954	.223	13
	1963	28	10,215	10,200	2,381	.233	8
	1961	29	10,593	1,000	2,383	.225	16
	1959	31	10,867	11,000	1,503	.138	9
	1957	34	11,690	11,600	3,453	.295	11
	1955	35	12,540	12,050	3,422	.273	8
	1952	38	13,606	12,700	5,930	.436	13
	1950	41	13,757	12,000	4,950	.360	13
	1948	46	13,760	13,000	2,968	.216	10
	1947	47	14,624	13,567	4,827	.330	7
	1943	48	12,311	11,194	4,413	.358	8
	1941	50	15,798	12,000	6,804	.431	14
	1938	52	15,371	14,500	5,633	.366	13
	1936	54	14,500	12,600	4,606	.318	9
	1934	56	15,435	13,375	6,207	.402	14
	1932	59	13,445	12,500	4,136	.308	10
	1929	60	14,372	13,800	3,737	.260	10
	1926	63	13,989	12,400	4,899	.350	9

TABLE B1 (Cont.)

Broad Field of Study	Year of Graduation (average)	Average Age	Earnings in 1968 Mean	Earnings in 1968 Median	Standard Deviation of Mean	Coefficient of Variability	Number
23. Social Sciences	1967	24	$ 7,483	$ 7,386	$1,026	.137	20
	1966	25	8,028	7,800	1,391	.173	21
	1965	26	8,272	8,087	1,754	.212	15
	1963	29	9,586	10,000	3,038	.317	18
	1962	30	9,697	9,640	1,197	.123	8
	1960	33	12,005	11,168	3,875	.323	32
	1957	35	12,100	11,950	3,306	.273	10
	1954	36	12,125	11,000	5,746	.474	9
	1952	41	13,558	13,000	3,784	.279	17
	1947	46	13,809	13,550	3,477	.252	14
	1942	47	13,980	12,400	4,748	.360	11
	1940	51	14,842	12,492	4,404	.318	11
	1939	52	15,314	14,750	4,473	.292	8
	1938	53	15,145	12,000	4,685	.331	10
	1936	54	15,006	14,000	4,917	.328	10
	1932	58	14,789	13,200	5,572	.377	12
	1927	61	11,940	10,600	3,419	.286	14

TABLE B2

POST COLLEGE EARNINGS IN 1968: FULLY EMPLOYED WOMEN

Broad Field of Study	Year of Graduation (average)	Average Age	Earnings in 1968 Mean	Earnings in 1968 Median	Standard Deviation of Mean	Coefficient of Variability	Number
1. Biological and Psychological Sciences	1967	23	$ 7,171	$ 7,308	$2,056	.166	20
	1966	24	7,370	7,550	2,455	.128	12
	1965	25	7,870	7,750	1,930	.218	8
	1964	26	8,468	8,994	1,135	.134	11
	1962	28	9,009	8,750	1,715	.214	12
	1954	37	10,228	10,350	941	.240	9
	1948	41	11,888	11,000	1,190	.173	7
2. Business Administration	1967	23	7,593	8,048	1,688	.222	10
	1964	26	7,787	8,400	1,633	.207	7
	1953	37	8,543	7,600	3,214	.376	6
	1940	48	8,467	8,000	2,832	.334	7
3. Business Education	1967	22	6,208	6,200	642	.103	9
	1965	24	7,336	7,300	1,327	.181	12
	1959	31	8,777	9,187	1,898	.216	11
	1953	36	9,181	8,663	2,139	.233	18
	1948	40	9,520	8,991	2,571	.270	12
	1945	43	8,910	9,000	2,204	.247	9
	1941	48	8,944	7,693	2,745	.307	23
	1938	50	8,785	8,809	1,905	.217	15
	1935	55	8,797	8,847	2,220	.252	16
	1932	57	9,039	9,600	2,079	.230	15
	1926	64	8,629	8,404	2,343	.272	20

TABLE B2 (Cont.)

Broad Field of Study	Year of Graduation (average)	Average Age	Earnings in 1968 Mean	Earnings in 1968 Median	Standard Deviation of Mean	Coefficient of Variability	Number
4. Elementary Education	1967	24	$ 6,867	$ 6,800	$1,122	.163	48
	1966	25	7,046	6,910	1,056	.150	36
	1965	26	7,509	7,177	1,142	.152	22
	1964	27	7,743	7,622	1,332	.172	36
	1963	29	8,053	7,882	893	.111	24
	1962	30	8,120	8,037	1,654	.204	22
	1961	31	8,613	8,800	1,222	.142	26
	1960	33	8,767	8,820	1,114	.127	18
	1959	35	8,370	8,494	1,153	.138	14
	1958	36	8,725	8,600	1,559	.179	16
	1956	38	8,952	8,726	1,075	.120	13
	1954	40	9,075	8,760	1,393	.153	12
	1953	41	9,380	9,046	2,341	.250	16
	1949	45	9,491	9,580	1,641	.173	25
	1947	46	9,610	9,570	2,522	.262	45
	1943	48	9,331	9,210	2,327	.249	43
	1940	50	9,074	9,150	2,610	.288	28
	1938	51	8,358	8,216	1,616	.193	16
	1937	53	8,504	8,500	2,465	.230	15
	1935	54	8,126	8,300	3,129	.385	15
	1932	56	7,635	7,202	2,234	.293	16
	1927	61	9,177	9,300	1,840	.201	15
	1924	64	8,186	8,000	2,642	.323	11

TABLE B2 (Cont.)

Broad Field of Study	Year of Graduation (average)	Average Age	Earnings in 1968 Mean	Earnings in 1968 Median	Standard Deviation of Mean	Coefficient of Variability	Number
5. English, Languages, and Communications	1967	22	$ 6,219	$ 6,050	$ 931	.150	28
	1966	23	6,483	6,447	603	.093	16
	1965	25	7,168	7,000	740	.103	21
	1963	27	7,250	7,300	1,341	.185	13
	1960	29	8,433	8,500	1,168	.139	13
	1957	35	9,272	9,000	947	.103	11
	1949	40	9,495	10,000	2,553	.269	13
	1943	47	9,675	9,800	2,359	.244	16
	1940	49	9,718	9,500	3,111	.320	15
	1937	51	9,502	9,435	2,600	.274	12
	1936	54	9,999	9,275	3,454	.345	15
	1932	58	10,256	10,351	2,082	.203	16
	1924	64	11,566	10,520	3,259	.282	13
6. Fine Arts	1967	22	6,262	6,200	797	.127	11
	1966	23	6,475	6,450	494	.076	13
	1965	26	7,355	7,600	1,243	.169	12
	1963	27	7,521	7,718	1,290	.172	8
	1958	31	8,180	7,800	915	.112	5
	1931	58	12,972	13,000	3,942	.304	5
7. General and Junior High Education	1967	23	6,705	6,800	1,166	.174	13
	1965	25	7,506	7,900	752	.100	11
	1963	28	8,698	8,550	1,838	.211	16
	1960	30	8,826	8,700	1,204	.136	13
	1957	32	8,874	8,500	1,572	.177	11
	1949	42	9,468	8,000	4,169	.440	11
	1943	48	9,527	9,500	3,208	.337	15
	1936	53	10,077	8,842	2,850	.283	14
	1932	58	9,835	9,550	1,767	.180	8
	1926	60	7,806	7,988	3,105	.398	11

TABLE B2 (Cont.)

Broad Field of Study	Year of Graduation (average)	Average Age	Earnings in 1968 Mean	Earnings in 1968 Median	Standard Deviation of Mean	Coefficient of Variability	Number
8. History	1967	22	$ 6,655	$ 6,750	$ 839	.126	9
	1960	30	7,900	8,235	1,726	.218	7
	1945	44	9,614	8,428	3,028	.315	12
	1937	52	9,908	9,000	2,856	.288	13
	1932	59	9,933	9,892	1,609	.162	10
	1924	63	10,167	8,570	3,941	.388	8
9. Home Economics	1967	22	6,235	6,235	990	.159	24
	1966	23	6,449	6,344	767	.119	14
	1965	25	7,298	7,289	1,150	.158	21
	1962	27	7,493	7,500	1,478	.197	12
	1960	30	7,680	7,595	939	.122	11
	1953	38	8,083	7,604	2,649	.328	10
	1947	44	8,610	9,500	2,448	.284	11
	1941	48	9,807	9,500	2,324	.237	11
	1938	52	8,666	8,500	2,273	.262	12
	1933	57	10,649	10,000	2,622	.246	14
	1927	64	10,050	9,600	4,522	.450	4
10. Home Economics Education	1967	22	6,541	6,450	604	.092	28
	1966	23	6,589	6,458	1,068	.162	18
	1965	24	6,901	7,083	1,010	.146	14
	1964	25	7,717	7,965	1,638	.212	19
	1962	28	7,729	8,000	1,194	.154	11
	1959	30	8,475	8,000	2,328	.275	18
	1953	38	8,882	8,200	2,109	.237	15
	1943	45	8,921	8,700	1,277	.143	8
	1934	55	12,339	11,893	4,198	.340	14

TABLE B2 (Cont.)

Broad Field of Study	Year of Graduation (average)	Average Age	Earnings in 1968 Mean	Earnings in 1968 Median	Standard Deviation of Mean	Coefficient of Variability	Number
11. Mathematics	1966	23	$ 7,280	$ 6,450	$1,580	.217	12
	1963	26	7,667	7,026	2,294	.299	11
	1952	39	9,038	8,902	1,176	.130	14
	1935	57	9,858	8,306	3,827	.388	12
12. Physical Education	1967	22	6,745	6,630	1,546	.229	15
	1966	24	6,861	6,900	949	.138	16
	1964	35	7,925	7,900	1,108	.140	21
	1962	28	8,411	8,600	1,938	.230	17
	1956	33	9,029	8,845	2,362	.262	12
	1944	45	9,226	9,675	2,005	.217	10
	1936	53	9,702	9,750	2,583	.266	10
	1927	62	10,954	10,300	3,787	.346	8
13. Physical Sciences	1967	23	7,420	7,150	1,419	.191	10
	1963	26	8,820	8,750	2,282	.259	8
	1958	31	9,155	9,600	2,650	.289	9
	1940	49	9,803	9,500	3,689	.376	11
	1929	64	10,107	10,035	3,262	.323	5
14. Social Sciences	1967	23	6,604	6,420	1,074	.163	12
	1966	24	7,080	6,750	1,384	.195	12
	1964	26	7,782	7,685	1,617	.208	13
	1961	30	8,989	8,344	3,188	.355	16
	1943	43	9,868	10,000	2,937	.298	9
	1935	55	9,651	7915	1,606	.166	8

The leptokurtic curves, the coefficients of variability, and the relationships of means and medians in these cells of data are reasonably close to those typical of samples of earnings and other economic data.[6] The lifetime curves are generally smooth. Although the number for most cells is small, the sample data are acceptable indicators of values which exist in the larger populations.

Lifetime earnings. Mean total post college lifetime earnings by broad field of study were computed as follows:

(a) Annual earnings for each year between graduation from college and death were estimated by interpolation and extrapolation.

(b) Annual earnings were multiplied by the rate of survival, based on mortality tables.[7]

(c) The results were summed.

TABLE B3

MEAN TOTAL POST COLLEGE LIFETIME EARNINGS BY BROAD FIELD OF STUDY:
FULLY EMPLOYED MEN

Broad Field of Study	Earnings, College Graduation to Age 62	Age 65	Age 70	Age 74	Death
1. Accounting	$551,248	$593,727	$642,951	$662,565	$667,160
2. Agriculture	460,674	494,963	538,659	559,834	565,805
3. Agriculture Education	472,462	501,929	539,568	557,631	562,766
4. Biological and Psychological Sciences	566,958	609,012	662,728	688,505	695,832
5. Business Administration	603,892	651,751	707,210	729,309	734,487
6. Business Education	486,446	516,227	550,736	564,488	567,709
7. Chemistry	514,926	552,922	602,470	626,780	633,797
8. Civil Engineering	634,080	671,746	717,418	738,125	743,559
9. Conservation	450,109	484,580	528,498	549,780	555,781
10. Economics	595,003	626,692	658,631	665,730	672,926
11. Elementary Education	441,880	473,431	514,975	535,600	541,611
12. English, Languages and Communications	483,313	517,414	558,895	580,301	582,835
13. Fine Arts	468,581	519,986	560,621	579,051	584,072
14. General and Junior High Education	500,867	535,102	579,905	605,207	608,414
15. Geography and Geology	418,527	435,541	454,052	464,901	465,703

TABLE B3 (Cont.)

Broad Field of Study	Earnings[1], College Graduation to Age 62	Age 65	Age 70	Age 74	Death
16. History	$480,520	$531,438	$547,828	$567,318	$569,625
17. Industrial Education	419,817	444,196	467,381	494,344	496,603
18. Industrial Technology	445,481	469,316	500,194	517,377	519,528
19. Mathematics	472,834	499,268	529,197	542,587	543,918
20. Mining Engineering	569,063	601,235	640,044	659,471	661,673
21. Physical Education	452,404	476,804	507,903	524,823	526,900
22. Physics	473,771	502,638	540,281	557,919	560,585
23. Social Sciences	460,816	480,653	500,646	507,567	508,369

TABLE B4

MEAN TOTAL POST COLLEGE LIFETIME EARNINGS BY BROAD FIELD OF STUDY:
FULLY EMPLOYED WOMEN

Broad Field of Study	Earnings, College Graduation to Age 62	Age 65	Age 70	Age 74	Death
1. Biological and Psychological Sciences	$433,788	$463,342	$508,119	$538,508	$579,253
2. Business Administration	331,751	354,029	388,874	413,394	447,841
3. Business Education	345,768	368,533	403,254	427,001	459,157
4. Elementary Education	338,783	360,396	389,366	406,457	425,660
5. English, Languages and Communications	365,453	395,967	441,704	472,370	512,853
6. Fine Arts	399,764	431,768	479,736	518,870	554,356
7. General and Junior High Education	357,774	376,797	402,296	420,370	434,237
8. History	355,573	382,098	421,856	448,513	483,704
9. Home Economics	342,139	368,654	408,820	436,039	472,472
10. Home Economics Education	378,381	408,649	454,508	485,632	527,362
11. Mathematics	353,770	379,303	417,988	449,973	479,445
12. Physical Education	367,521	394,281	430,153	455,578	475,103
13. Physical Sciences	395,198	422,196	472,114	492,205	531,887
14. Social Sciences	359,977	383,261	418,159	441,558	472,450

First year earnings. Students who graduated from college during the 1930s faced a much different economy than those who graduated before and since. The longitudinal experiences of a cohort are often more meaningful than the experiences of a contemporary cross section. Unfortunately few college graduates keep historical records of annual earnings and retrospection is not very accurate, except for recent years and the first year following graduation.[8] The relationships between earnings during the first year following graduation and 1968, are revealed in Tables B5 and B6.

Tables B7 and B8 reveal the relationships between estimated first year salary earnings reported in the Wisconsin State Universities' Placement Reports[9] and actual first year total earnings reported in the Special Alumni Survey. Estimated average monthly salaries of teachers were multiplied by 9.9 to convert 9 month and 10 month contracts to total first year salary earnings. All other average monthly salaries (non-teachers) were multiplied by 12.

TABLE B5

MEAN PERSONAL EARNINGS IN 1968 AND DURING THE FIRST YEAR FOLLOWING GRADUATION, BY BROAD FIELD OF STUDY: MEN FULLY EMPLOYED IN BOTH YEARS

Broad Field of Study	Year of Graduation	Years After Graduation	Earnings 1968	Earnings First Year	Ratio, Earnings 1968: Earnings Class of 1967*	Ratio, Earnings 1968: Earnings First Year**
Accounting	1967	1	$ 8,995	$8,995	1.00	1.00
	1965	3	10,038	6,569	1.12	1.53
	1962	6	11,189	5,820	1.24	1.92
	1956	12	14,258	4,323	1.59	3.30
Agriculture	1967	1	8,005	8,005	1.00	1.00
	1965	3	8,640	5,927	1.11	1.50
	1962	6	10,148	5,017	1.27	2.02
	1956	12	11,413	4,213	1.43	2.71
	1951	17	11,774	3,573	1.47	3.30
	1946	22	13,932	2,854	1.74	4.88
	1941	27	14,077	2,194	1.79	6.42
	1936	32	13,583	1,185	1.70	11.46
	1931	37	14,597	756	1.82	19.31
	1926	42	16,463	1,633	2.06	10.08
Agriculture Education	1967	1	8,246	8,246	1.00	1.00
	1965	3	9,336	5,823	1.07	1.60
	1962	6	9,725	5,631	1.11	1.73
	1956	12	12,742	4,313	1.46	2.95
	1951	17	12,810	3,397	1.46	3.77
	1946	22	13,212	3,334	1.51	3.96
	1941	27	13,425	1,726	1.56	4.72
	1936	32	14,963	2,171	1.71	6.89
	1931	37	15,455	1,284	1.77	12.04

*Cross sectional ratios
**Longitudinal ratios

TABLE B5 (Cont.)

Broad Field of Study	Year of Graduation	Years After Graduation	Earnings 1968	Earnings First Year	Ratio, Earnings 1968: Earnings Class of 1967	Ratio, Earnings 1968: Earnings First Year
Biological and Psychological Sciences	1967	1	$ 7,404	$7,404	1.00	1.00
	1965	3	8,953	6,147	1.21	1.46
	1962	6	9,487	5,178	1.28	1.83
	1956	12	16,055	4,779	2.17	3.36
	1951	17	16,047	3,648	2.17	4.40
	1946	22	16,226	2,440	2.19	6.65
	1941	27	17,280	1,954	2.33	8.84
	1936	32	19,120	995	2.58	19.22
	1931	37	21,733	1,310	2.94	16,59
Business Administration	1967	1	8,373	8,373	1.00	1.00
	1965	3	9,769	6,622	1.17	1.48
	1962	6	11,385	5,612	1.36	2.03
	1956	12	14,454	4,568	1.73	3.16
	1951	17	18,471	3,907	2.21	4.73
	1946	22	19,137	3,574	2.29	5.35
	1941	27	16,629	2,756	1.99	6.03
	1936	32	17,774	1,489	2.12	11.94
	1931	37	20,637	1,218	2.46	16,94
Business Education	1967	1	8,177	8,177	1.00	1.00
	1965	3	8,525	6,726	1.04	1.27
	1962	6	10,257	5,146	1.25	2.00
	1956	12	11,600	4,721	1.42	2.46
	1951	17	12,099	3,284	1.48	3.68
	1946	22	15,152	2,655	1.85	5.71
	1941	27	15,204	1,458	1.86	10.43
	1936	32	17,165	1,086	2.10	15.81
	1931	37	14,864	1,214	1.82	12.24
	1926	42	14,623	1,516	1.79	9.65

TABLE B5 (Cont.)

Broad Field of Study	Year of Graduation	Years After Graduation	Earnings 1968	Earnings First Year	Ratio, Earnings 1968: Earnings Class of 1967	Ratio, Earnings 1968: Earnings First Year
Chemistry	1967	1	$ 7,842	$7,842	1.00	1.00
	1965	3	8,387	6,626	1.07	1.27
	1962	6	11,042	5,758	1.41	1.92
	1956	12	13,063	5,492	1.67	2.38
	1951	17	15,788	3,379	2.01	4.67
	1946	22	15,703	2,925	2.00	5.37
	1941	27	15,764	1,712	2.01	9.21
	1936	32	15,430	1,349	1.97	11.44
	1931	37	17,087	1,257	2.18	13.59
Civil Engineering	1967	1	9,441	9,441	1.00	1.00
	1965	3	10,178	7,291	1.08	1.40
	1962	6	12,682	6,568	1.34	1.93
	1956	12	13,708	5,270	1.45	2.60
	1951	17	16,454	4,478	1.74	3.68
	1946	22	18,916	3,911	2.00	4.84
	1941	27	21,605	3,232	2.29	6.68
Conservation	1967	1	7,023	7,023	1.00	1.00
	1965	3	8,551	5,771	1.22	1.48
	1962	6	8,970	5,087	1.28	1.76
	1956	12	9,862	3,875	1.40	2.55
	1951	17	12,280	2,990	1.75	4.11
	1946	22	14,214	2,104	2.02	6.76

TABLE B5 (Cont.)

Broad Field of Study	Year of Graduation	Years After Graduation	Earnings 1968	Earnings First Year	Ratio, Earnings 1968: Earnings Class of 1967	Ratio, Earnings 1968: Earnings First Year
Economics	1967	1	$ 8,546	$8,546	1.00	1.00
	1965	3	8,969	6,318	1.05	1.42
	1962	6	12,281	5,600	1.44	2.19
	1956	12	13,779	4,915	1.61	2.80
	1951	17	14,550	4,667	1.70	3.12
	1946	22	16,400	4,269	1.92	3.84
	1941	27	19,483	2,394	2.28	8.14
	1936	32	22,567	808	2.64	27.93
	1931	37	22,108	1,129	2.59	19.58
Elementary Education	1967	1	7,458	7,458	1.00	1.00
	1965	3	8,276	6,853	1.11	1.21
	1962	6	9,530	5,109	1.28	1.87
	1956	12	12,427	4,388	1.67	2.83
	1951	17	13,482	3,041	1.81	4.43
	1946	22	14,398	2,345	1.93	6.14
	1941	27	15,110	1,601	2.03	9.44
	1936	32	15,515	1,204	2.08	12.89
	1931	37	15,668	1,076	2.10	14.56
	1926	42	15,152	1,414	2.03	10.72
English, Languages, and Communications	1967	1	6,948	6,948	1.00	1.00
	1965	3	8,067	6,212	1.16	1.30
	1962	6	9,248	5,164	1.33	1.79
	1956	12	11,961	3,895	1.72	3.07
	1951	17	13,643	3,350	1.96	4.07
	1946	22	13,944	2,907	2.01	4.81
	1941	27	14,707	1,741	2.12	8.45
	1936	32	15,433	1,115	2.22	13.84

TABLE B5 (Cont.)

Broad Field of Study	Year of Graduation	Years After Graduation	Earnings 1968	Earnings First Year	Ratio, Earnings 1968: Earnings Class of 1967	Ratio, Earnings 1968: Earnings First Year
English, Languages, etc. (Cont.)	1931	37	$16,210	$1,230	2.33	13.18
	1926	42	16,363	1,488	2.36	11.00
Fine Arts	1967	1	6,478	6,478	1.00	1.00
	1965	3	8,162	5,886	1.26	1.39
	1962	6	10,544	5,508	1.63	1.91
	1956	12	12,783	3,983	.197	3.21
	1951	17	12,678	3,820	1.96	3.32
General and Junior High Education	1967	1	7,647	7,647	1.00	1.00
	1965	3	8,086	5,447	1.06	1.48
	1962	6	9,009	4,904	1.18	1.80
	1956	12	11,859	4,495	1.55	2.64
	1951	17	13,914	3,835	1.82	3.54
	1946	22	15,137	2,586	1.98	5.85
	1941	27	16,125	1,756	2.11	9.18
	1936	32	17,801	1,513	2.33	11.77
	1931	37	17,000	1,400	2.22	12.14
Geography and Geology	1967	1	6,834	6,834	1.00	1.00
	1965	3	9,054	5,355	1.32	1.69
	1962	6	9,291	5,001	1.36	1.86
	1956	12	11,695	4,087	1.71	2.86
	1951	17	12,675	3,407	1.85	3.72
	1946	22	12,536	2,959	1.83	4.24
	1941	27	12,456	1,738	1.82	7.17

TABLE B5 (Cont.)

Broad Field of Study	Year of Graduation	Years After Graduation	Earnings 1968	Earnings First Year	Ratio, Earnings 1968: Earnings Class of 1967	Ratio, Earnings 1968: Earnings First Year
History	1967	1	$ 7,219	$7,219	1.00	1.00
	1965	3	8,032	5,689	1.11	1.41
	1962	6	9,459	5,535	1.31	1.71
	1956	12	11,571	4,130	1.60	2.80
	1951	17	12,808	3,121	1.77	4.10
	1946	22	14,328	2,279	1.98	6.29
	1941	27	15,202	1,539	2.11	9.88
	1936	32	16,555	1,157	2.29	14.31
	1931	37	16,138	1,501	2.24	10.75
	1926	42	14,898	1,532	2.06	9.72
Industrial Education	1967	1	7,800	7,800	1.00	1.00
	1965	3	8,560	5,912	1.10	1.45
	1962	6	9,449	5,111	1.21	1.85
	1956	12	11,921	4,438	1.53	2.69
	1951	17	11,583	3,486	1.49	3.32
	1946	22	14,651	2,133	1.88	6.87
	1941	27	14,300	1,585	1.83	9.02
	1936	32	14,865	1,209	1.91	12.30
	1931	37	12,350	1,481	1.58	8.34
	1926	42	11,712	1,664	1.50	7.04
Industrial Technology	1967	1	8,584	8,584	1.00	1.00
	1965	3	9,382	6,985	1.09	1.34
	1962	6	10,443	5,858	1.22	1.78
	1956	12	11,745	3,933	1.37	2.99
	1951	17	12,266	3,471	1.43	3.53
	1946	22	13,983	3,095	1.63	4.52
	1941	27	13,369	1,742	1.56	7.67

TABLE B5 (Cont.)

Broad Field of Study	Year of Graduation	Years After Graduation	Earnings 1968	Earnings First Year	Ratio, Earnings 1968: Earnings Class of 1967	Ratio, Earnings 1968: Earnings First Year
Industrial Technology (Cont.)	1936	32	$12,562	$1,307	1.46	9.61
	1931	37	11,569	1,693	1.35	6.83
Mathematics	1967	1	7,462	7,462	1.00	1.00
	1965	3	8,418	6,811	1.13	1.24
	1962	6	10,507	5,684	1.41	1.85
	1956	12	12,150	3,709	1.63	3.28
	1951	17	13,530	3,351	1.81	4.04
	1946	22	14,997	2,495	2.01	6.01
	1941	27	14,029	1,570	1.88	8.94
	1936	32	13,450	1,034	1.80	13.01
	1931	37	14,809	1,510	1.98	9.81
	1926	42	12,948	1,558	1.74	8.31
Mining Engineering	1967	1	9,714	9,714	1.00	1.00
	1965	3	10,034	7,434	1.03	1.35
	1962	6	12,739	6,635	1.31	1.92
	1956	12	14,112	5,080	1.45	2.78
	1951	17	14,271	4,214	1.47	3.39
	1946	22	15,135	3,638	1.56	4.16
	1941	27	18,201	1,775	1.87	10.25
	1936	32	19,734	1,638	2.03	12.05
	1931	37	17,587	1,228	1.81	14.32
	1926	42	15,226	1,267	1.57	12.02

TABLE B5 (Cont.)

Broad Field of Study	Year of Graduation	Years After Graduation	Earnings 1968	Earnings First Year	Ratio, Earnings 1968: Earnings Class of 1967	Ratio, Earnings 1968: Earnings First Year
Physical Education	1967	1	$ 7,628	$7,628	1.00	1.00
	1965	3	7,961	5,795	1.04	1.37
	1962	6	9,809	4,970	1.29	1.97
	1956	12	11,704	4,184	1.53	2.80
	1951	17	13,100	3,434	1.72	3.83
	1946	22	13,250	2,590	1.74	5.12
	1941	27	13,577	2,318	1.78	5.86
	1936	32	13,452	1,615	1.76	8.33
	1931	37	12,583	1,468	1.65	8.57
Physics	1967	1	7,533	7,533	1.00	1.00
	1965	3	8,769	5,792	1.16	1.51
	1962	6	10,404	5,602	1.38	1.86
	1956	12	12,115	4,704	1.61	2.58
	1951	17	13,656	3,845	1.81	3.55
	1946	22	13,759	2,186	1.83	6.29
	1941	27	15,798	1,662	2.10	9.51
	1936	32	14,500	1,265	1.92	11.46
	1931	37	13,909	1,136	1.85	12.24
	1926	42	13,989	1,406	1.86	9.95
Social Sciences	1967	1	7,483	7,483	1.00	1.00
	1965	3	8,272	5,537	1.11	1.49
	1962	6	9,697	5,235	1.30	1.85
	1956	12	12,053	3,997	1.61	3.02
	1951	17	12,985	3,284	1.74	3.95

TABLE B5 (Cont.)

Broad Field of Study	Year of Graduation	Years After Graduation	Earnings 1968	Earnings First Year	Ratio, Earnings 1968: Earnings Class of 1967	Ratio, Earnings 1968: Earnings First Year
Social Sciences (Cont.)	1946	22	$13,709	$2,450	1.83	5.60
	1941	27	14,411	1,518	1.93	9.49
	1936	32	15,006	1,269	2.01	11.83
	1931	37	13,839	1,085	1.85	12.75
	1926	42	9,490	1,408	1.27	6.74

TABLE B6

MEAN PERSONAL EARNINGS IN 1968 AND DURING THE FIRST YEAR FOLLOWING GRADUATION, BY BROAD FIELD OF STUDY: WOMEN FULLY EMPLOYED IN BOTH YEARS

Broad Field of Study	Year of Graduation	Years After Graduation	Earnings 1968	Earnings First Year	Ratio, Earnings 1968: Earnings Class of 1967*	Ratio, Earnings 1968: Earnings First Year**
Fine Arts	1967	1	$ 6,262	$6,262	1.00	1.00
	1965	3	7,355	6,076	1.17	1.21
	1962	6	7,686	5,004	1.23	1.54
	1956	12	8,535	4,533	1.36	1.88
	1951	17	9,422	3,923	1.50	2.40
	1946	22	10,310	3,282	1.65	3.14
	1941	27	11,197	1,552	1.79	7.21
	1936	32	12,085	882	1.93	13.70
	1931	37	12,972	587	2.07	22.10
	1926	42	12,267	1,195	1.96	10.27
Biological and Psychological Sciences	1967	1	7,171	7,171	1.00	1.00
	1965	3	7,870	6,612	1.10	1.19
	1962	6	9,009	5,653	1.26	1.59
	1956	12	9,822	4,867	1.37	2.02
	1951	17	11,058	4,338	1.54	2.55
	1946	22	12,138	3,628	1.69	3.35
	1941	27	13,968	2,202	1.95	6.34
	1936	32	12,244	1,338	1.71	9.15
	1931	37	11,760	1,034	1.64	11.37
	1926	42	11,294	1,467	1.57	7.70

*Cross sectional ratios
**Longitudinal ratios

TABLE B6 (Cont.)

Broad Field of Study	Year of Graduation	Years After Graduation	Earnings 1968	Earnings First Year	Ratio, Earnings 1968: Earnings Class of 1967	Ratio, Earnings 1968: Earnings First Year
Business Administration	1967	1	$ 7,593	$7,593	1.00	1.00
	1965	3	7,783	6,916	1.03	1.13
	1962	6	7,999	6,246	1.05	1.28
	1956	12	8,362	4,654	1.10	1.80
	1951	17	8,536	3,400	1.12	2.51
	1946	22	8,518	3,114	1.12	2.74
	1941	27	8,500	1,621	1.12	5.24
	1936	32	8,485	1,123	1.12	7.56
Business Education	1967	1	6,208	6,208	1.00	1.00
	1965	3	7,336	5,831	1.18	1.26
	1962	6	7,954	5,612	1.28	1.42
	1956	12	9,019	4,307	1.45	2.09
	1951	17	9,351	3,068	1.51	3.05
	1946	22	9,113	2,895	1.47	3.15
	1941	27	8,944	1,507	1.44	5.93
	1936	32	8,795	1.077	1.42	8.17
	1931	37	8,922	1.079	1.44	8.27
	1926	42	8,629	1,377	1.39	6.27
Physical Sciences	1967	1	7,420	7,420	1.00	1.00
	1965	3	7,887	6,986	1.06	1.13
	1962	6	8,887	6,238	1.20	1.42
	1956	12	9,227	5,371	1.24	1.72
	1951	17	9,407	4,611	1.27	2.04
	1946	22	9,587	3,856	1.29	2.49
	1941	27	9,767	2,339	1.32	4.18
	1936	32	11,349	1,413	1.53	8.03
	1931	37	11,952	1,091	1.61	10.96
	1926	42	10,022	1,490	1.35	6.73

TABLE B6 (Cont.)

Broad Field of Study	Year of Graduation	Years After Graduation	Earnings 1968	Earnings First Year	Ratio, Earnings 1968: Earnings Class of 1967	Ratio, Earnings 1968: Earnings First Year
Elementary Education	1967	1	$ 6,867	$6,867	1.00	1.00
	1965	3	7,509	6,429	1.09	1.17
	1962	6	8,120	6,133	1.18	1.32
	1956	12	8,952	5,056	1.30	1.77
	1951	17	9,436	4,713	1.37	2.00
	1946	22	9,471	3,595	1.38	2.63
	1941	27	9,267	1,683	1.35	5.51
	1936	32	8,315	945	1.21	8.80
	1931	37	7,943	877	1.16	9.06
	1926	42	8,847	1,105	1.29	8.01
English, Languages and Communications	1967	1	6,219	6,219	1.00	1.00
	1965	3	7,168	5,981	1.15	1.20
	1962	6	7,842	5,286	1.26	1.48
	1956	12	9,317	4,539	1.50	2.05
	1951	17	9,473	3,785	1.52	2.50
	1946	22	9,598	3,525	1.54	2.95
	1941	27	9,708	1,538	1.56	6.31
	1936	32	9,999	874	1.61	11.44
	1931	37	10,474	585	1.68	17.90
	1926	42	11,566	1,356	1.86	8.53
General and Junior High Education	1967	1	6,705	6,705	1.00	1.00
	1965	3	7,506	6,482	1.12	1.16
	1962	6	8,741	6,237	1.30	1.40
	1956	12	8,933	5,177	1.33	1.73
	1951	17	9,290	4,986	1.39	1.86
	1946	22	9,492	3,533	1.42	2.69
	1941	27	9,637	1,746	1.44	5.52

TABLE B6 (Cont.)

Broad Field of Study	Year of Graduation	Years After Graduation	Earnings 1968	Earnings First Year	Ratio, Earnings 1968: Earnings Class of 1967	Ratio, Earnings 1968: Earnings First Year
General and Junior High Education (Cont.)	1936	32	$10,077	$ 957	1.50	10.53
	1931	37	9,328	734	1.39	12.71
	1926	42	7,806	1,081	1.16	7.22
History	1967	1	6,655	6,655	1.00	1.00
	1965	3	6,966	6,337	1.05	1.10
	1962	6	7,433	5,318	1.12	1.40
	1956	12	8,267	4,500	1.24	1.84
	1951	17	8,879	3,982	1.33	2.23
	1946	22	9,492	2,911	1.43	3.26
	1941	27	9,761	1,812	1.47	5.39
	1936	32	9,912	1,045	1.49	9.49
	1931	37	9,953	665	1.50	14.97
	1926	42	10,109	1,108	1.52	9.12
Home Economics	1967	1	6,235	6,235	1.00	1.00
	1965	3	7,298	5,948	1.17	1.23
	1962	6	7,493	5,078	1.20	1.48
	1956	12	7,932	4,482	1.27	1.77
	1951	17	8,171	3,964	1.31	2.06
	1946	22	8,909	2,666	1.43	3.34
	1941	27	9,807	2,055	1.57	4.77
	1936	32	9,063	1,259	1.45	7.20
	1931	37	10,563	973	1.69	10.86
	1926	42	10,008	1,381	1.61	7.25
Home Economics Education	1967	1	6,541	6,541	1.00	1.00
	1965	3	6,901	6,093	1.06	1.13
	1962	6	7,729	5,368	1.18	1.44
	1956	12	8,628	4,458	1.32	1.94

TABLE B6 (Cont.)

Broad Field of Study	Year of Graduation	Years After Graduation	Earnings 1968	Earnings First Year	Ratio, Earnings 1968: Earnings Class of 1967	Ratio, Earnings 1968: Earnings First Year
Home Economics Education (Cont.)	1951	17	$ 8,888	$3,963	1.36	2.24
	1946	22	8,910	3,020	1.36	2.95
	1941	27	9,946	1,903	1.52	5.23
	1936	32	11,655	1,333	1.78	8.84
	1931	37	12,141	1,108	1.86	10.96
	1926	42	11,661	1,458	1.78	8.00
Mathematics	1967	1	7,151	7,151	1.00	1.00
	1965	3	7,409	6,766	1.04	1.10
	1962	6	7,772	5,463	1.09	1.42
	1956	12	8,405	4,232	1.18	1.99
	1951	17	9,057	3,647	1.27	2.48
	1946	22	9,187	3,438	1.28	2.64
	1941	27	9,373	2,697	1.31	3.48
	1936	32	9,634	1,561	1.35	6.17
	1931	37	9,850	782	1.38	12.60
Physical Education	1967	1	6,745	6,745	1.00	1.00
	1965	3	7,393	6,224	1.10	1.19
	1962	6	8,411	5,288	1.25	1.59
	1956	12	9,029	4,351	1.34	2.08
	1951	17	9,952	3,913	1.48	2.54
	1946	22	10,875	2,912	1.61	3.73
	1941	27	9,464	1,166	1.40	8.12
	1936	32	9,702	898	1.44	10.80
	1931	37	10,537	1,162	1.56	9.07
	1926	42	10,136	1,529	1.50	6.63

TABLE B6 (Cont.)

Broad Field of Study	Year of Graduation	Years After Graduation	Earnings 1968	Earnings First Year	Ratio, Earnings 1968: Earnings Class of 1967	Ratio, Earnings 1968: Earnings First Year
Social Sciences	1967	1	$ 6,604	$6,604	1.00	1.00
	1965	3	7,431	6,375	1.13	1.17
	1962	6	8,386	5,725	1.27	1.46
	1956	12	9,104	4,514	1.38	2.02
	1951	17	9,295	4,425	1.41	2.10
	1946	22	9,448	3,119	1.43	3.03
	1941	27	9,639	2,006	1.46	4.81
	1936	32	9,760	1,561	1.48	6.25
	1931	37	9,333	858	1.41	10.88

TABLE B7

COMPARISONS OF ESTIMATED SALARY, AND ACTUAL TOTAL, FIRST YEAR, EARNINGS OF FULLY EMPLOYED MEN, BY MAJOR: 1963, 1964, 1965, 1966, and 1967 GRADUATES

Major Program of Study	Year of Graduation	Estimated Salary Earnings	Actual Total Earnings	Difference (Change)	Ratio Estimated Salary: Actual Total
Accounting	1967	$7,656	$8,995	$1,339	1.17
	1966	6,647	7,910	1,263	1.19
	1965	6,216	6,569	353	1.06
Agriculture	1967	6,396	8,005	1,609	1.25
	1966	6,096	7,060	+ 964	1.16
	1965	5,943	5,927	- 16	1.00
	1964	5,297	5,392	+ 95	1.00
Agriculture Business	1967	6,624	8,005	1,381	1.21
Agriculture Education	1967	6,325	8,246	1,921	1.30
	1966	5,746	7,104	1,358	1.24
	1965	5,739	5,823	84	1.01
	1964	5,396	5,759	363	1.07
	1963	5,188	5,695	507	1.10
Agriculture Technology	1967	6,780	8,005	1,225	1.18
Agronomy/Soils	1967	7,200	8,005	805	1.11

TABLE B7 (Cont.)

Major Program of Study	Year of Graduation	Estimated Salary Earnings	Actual Total Earnings	Difference (Change)	Ratio Estimated Salary: Actual Total
American Studies	1967	$6,593	$7,483	$ 890	1.13
	1966	5,767	6,630	863	1.15
	1965	5,400	5,537	137	1.03
	1964	5,094	5,493	399	1.08
	1963	4,966	5,431	465	1.09
Animal Science	1967	6,482	8,005	1,523	1.23
Art	1967	6,134	6,478	344	1.06
	1966	5,733	6,137	404	1.07
	1965	5,694	5,886	192	1.03
	1964	5,460	5,760	300	1.05
	1963	5,452	5,634	182	1.03
Biology	1967	6,369	7,404	1,035	1.16
	1966	5,901	6,903	1,002	1.17
	1965	5,714	6,147	433	1.08
	1964	4,894	5,775	881	1.18
	1963	4,871	5,568	697	1.14
Business Administration	1967	6,840	8,373	1,533	1.22
	1966	5,894	7,657	1,763	1.30
	1965	5,838	6,622	784	1.13
	1964	5,616	6,399	783	1.14
	1963	5,615	5,785	169	1.03
Business Education	1967	6,138	8,177	2,039	1.33
	1966	5,733	7,625	1,892	1.33
	1965	5,674	6,726	1,052	1.19

TABLE B7 (Cont.)

Major Program of Study	Year of Graduation	Estimated Salary Earnings	Actual Total Earnings	Difference (Change)	Ratio Estimated Salary: Actual Total
Business Education (Cont.)	1964	$5,568	$6,682	$1,114	1.20
	1963	4,944	6,205	1,261	1.26
Chemistry	1967	7,245	7,842	597	1.08
	1966	6,253	6,816	563	1.09
	1965	6,165	6,625	460	1.07
	1964	5,869	6,456	587	1.10
	1963	5,519	6,258	739	1.14
Conservation -Resource Management	1967	6,288	7,023	735	1.12
	1966	5,842	6,514	672	1.12
	1965	5,140	5,771	31	1.01
	1964	4,854	5,485	631	1.13
	1963	4,750	5,349	599	1.13
Economics	1967	6,540	8,546	2,006	1.31
	1966	5,816	7,561	1,745	1.30
	1965	5,761	6,318	557	1.10
	1964	5,629	6,248	619	1.11
	1963	5,410	5,679	269	1.05
Elementary Education	1967	6,364	7,458	1,094	1.17
	1966	6,064	7,156	1,092	1.18
	1965	5,300	6,853	1,553	1.29
	1964	5,149	5,444	295	1.06
	1963	4,976	5,226	250	1.05

TABLE B7 (Cont.)

Major Program of Study	Year of Graduation	Estimated Salary Earnings	Actual Total Earnings	Difference (Change)	Ratio Estimated Salary: Actual Total
Engineering, Civil	1967	$8,172	$9,441	$1,269	1.16
	1966	7,752	7,836	264	1.03
	1965	7,104	7,291	187	1.03
	1964	6,819	7,159	340	1.05
	1963	6,792	6,997	205	1.03
Engineering, Mineral	1967	8,100	9,714	+1,614	1.20
	1966	8,040	8,039	- 1	1.00
	1965	7,392	7,434	+ 42	1.01
	1964	6,970	7,179	209	1.03
	1963	6,762	7,048	286	1.04
English	1967	6,087	6,948	861	1.14
	1966	5,677	6,529	852	1.15
	1965	5,302	6,212	910	1.17
	1964	5,023	5,219	196	1.04
	1963	4,950	5,192	242	1.05
Farm Management	1967	7,500	8,005	505	1.07
Finance	1967	6,600	8,373	1,773	1.27
French	1967	6,267	6,948	681	1.11
	1966	5,829	6,529	700	1.12
	1965	5,693	6,212	519	1.09
	1964	5,118	5,219	101	1.02
	1963	5,000	5,192	192	1.04
General Business	1967	6,660	8,373	1,345	1.26

TABLE B7 (Cont.)

Major Program of Study	Year of Graduation	Estimated Salary Earnings	Actual Total Earnings	Difference (Change)	Ratio Estimated Salary: Actual Total
General Science	1967	$6,153	$7,404	$1,251	1.20
	1966	5,905	6,903	998	1.17
	1965	5,821	6,147	326	1.06
	1964	5,073	5,775	702	1.14
	1963	4,963	5,568	605	1.12
Geography	1967	6,390	6,834	444	1.07
	1966	5,730	6,188	458	1.08
	1965	5,402	5.355	47	.99
	1964	5,039	5,165	126	1.03
	1963	4,983	5,111	128	1.03
Geology	1967	6,297	6,834	537	1.09
	1966	5,677	6,188	511	1.09
German	1967	6,485	6,948	463	1.07
	1966	6,245	6,529	284	1.05
	1965	6,171	6,212	41	1.01
	1964	4,882	5,219	337	1.07
	1963	4,850	5,192	342	1.07
History	1967	6,455	7,219	764	1.12
	1966	5,891	6,598	707	1.12
	1965	5,472	5,689	217	1.04
	1964	5,034	5,638	604	1.12
	1963	5,000	5,568	568	1.11

TABLE B7 (Cont.)

Major Program of Study	Year of Graduation	Estimated Salary Earnings	Actual Total Earnings	Difference (Change)	Ratio Estimated Salary: Actual Total
Industrial Education	1967	$6,829	$7,800	$ 971	1.14
	1966	5,205	5,986	781	1.15
	1965	5,141	5,912	771	1.15
Industrial Technology	1967	7,800	8,584	116	1.10
	1966	6,367	7,322	955	1.15
	1965	5,434	6,985	1,551	1.29
	1964	5,374	6,639	1,265	1.24
	1963	5,357	6,416	1,059	1.20
Journalism	1967	6,300	6,948	648	1.10
	1966	5,934	6,529	595	1.10
	1965	5,647	6,212	565	1.10
	1964	4,702	5,219	517	1.11
	1963	4,700	5,192	492	1.10
Junior High Education	1967	6,376	7,647	1,271	1.20
	1966	5,830	6,692	+ 862	1.15
	1965	5,795	5,447	- 348	.94
	1964	5,114	5,176	+ 62	1.01
	1963	5,023	5,001	- 22	1.00
Latin	1965	5,316	6,948	+1,632	1.31
Library Science	1965	5,643	6,948	1,305	1.23
Management	1967	7,308	8,373	697	1.15

TABLE B7 (Cont.)

Major Program of Study	Year of Graduation	Estimated Salary Earnings	Actual Total Earnings	Difference (Change)	Ratio Estimated Salary: Actual Total
Marketing	1967	$7,140	$8,373	$1,233	1.17
	1966	6,489	7,657	1,168	1.18
	1965	5,556	6,622	1,066	1.19
Mathematics	1967	6,603	7,462	859	1.13
	1966	6,006	6,847	841	1.14
	1965	5,772	6,811	1,039	1.18
	1964	5,320	6,278	958	1.18
	1963	4,925	5,748	813	1.17
Mathematics - Physics	1967	7,118	7,462	344	1.05
	1966	6,168	6,847	679	1.11
	1965	5,915	6,811	896	1.15
	1964	5,412	6,278	866	1.16
	1963	5,150	5,738	588	1.11
Medical Technology	1967	7,200	7,404	204	1.03
	1966	6,399	6,903	504	1.08
	1965	5,598	6,147	549	1.10
Music	1967	6,306	6,478	172	1.03
	1966	5,873	6,137	264	1.04
	1965	5,857	5,886	29	1.00
	1964	5,143	5,760	617	1.12
	1963	4,941	5,634	693	1.14
Natural Science	1967	6,158	7,404	1,246	1.20
	1966	5,705	6,903	1,198	1.21
	1965	5,415	6,147	732	1.14

TABLE B7 (Cont.)

Major Program of Study	Year of Graduation	Estimated Salary Earnings	Actual Total Earnings	Difference (Change)	Ratio Estimated Salary: Actual Total
Natural Science (Cont.)	1964	$5,134	$5,775	$ 641	1.12
	1963	5,120	5,568	448	1.09
Physical Education	1967	6,198	7,628	1,430	1.23
	1966	5,960	6,685	725	1.12
	1965	5,722	5,795	73	1.01
	1964	5,378	5,723	345	1.06
	1963	5,033	5,651	618	1.12
Physical Science	1965	5,445	5,792	347	1.06
	1964	5,048	5,791	743	1.15
	1963	4,650	5,763	1,113	1.24
Physics	1967	7,959	7,533	- 426	.95
	1966	6,783	6,239	- 544	.94
	1965	6,221	5,792	- 429	.93
	1964	5,630	5,791	+ 161	1.03
	1963	5,039	5,763	724	1.14
Political Science	1967	6,566	7,483	917	1.14
	1966	6,179	6,630	+ 451	1.07
	1965	5,792	5,537	- 255	.96
	1964	5,782	5,493	- 289	.95
	1963	5,488	5,431	- 57	.99
Psychology	1967	6,695	7,404	+ 709	1.11
	1966	6,163	6,903	740	1.12
	1965	5,701	6,147	446	1.08
	1964	5,347	5,775	428	1.08
	1963	5,149	5,568	419	1.08

TABLE B7 (Cont.)

Major Program of Study	Year of Graduation	Estimated Salary Earnings	Actual Total Earnings	Difference (Change)	Ratio Estimated Salary: Actual Total
Recreation	1967	$6,000	$7,628	$1,628	1.27
Social Science	1967	6,329	7,483	1,154	1.18
	1966	5,661	6,630	969	1.17
	1965	5,631	5,537	94	.98
	1964	5,352	5,493	441	1.03
	1963	5,073	5,431	358	1.07
Social Studies	1967	6,422	7,483	1,061	1.17
Sociology	1967	6,226	7,483	1,257	1.20
	1966	5,997	6,632	+ 635	1.11
	1965	5,768	5,537	- 231	.96
	1964	5,484	5,493	+ 9	1.00
	1963	5,400	5,431	31	1.01
Spanish	1967	6,547	6,948	401	1.06
	1966	6,103	6,529	426	1.07
	1965	6,089	6,212	123	1.02
Special Education	1967	6,623	7,647	1,024	1.15
	1966	5,719	6,692	+ 973	1.17
	1965	5,711	5,447	- 264	.95
	1964	4,762	5,176	+ 414	1.09
	1963	4,700	5,001	301	1.06

TABLE B7 (Cont.)

Major Program of Study	Year of Graduation	Estimated Salary Earnings	Actual Total Earnings	Difference (Change)	Ratio Estimated Salary: Actual Total
Speech	1967	$6,180	$6,478	$ 298	1.05
	1966	5,790	6,137	347	1.06
	1965	5,787	5,886	99	1.02
	1964	5,372	5,760	388	1.07
	1963	4,957	5,634	677	1.14
Speech Correction	1967	6,171	7,647	1,476	1.24

TABLE B8

COMPARISONS OF ESTIMATED SALARY, AND ACTUAL TOTAL, FIRST YEAR, EARNINGS OF FULLY EMPLOYED WOMEN, BY MAJOR: 1963, 1964, 1965, 1966, and 1967 GRADUATES

Major Program of Study	Year of Graduation	Estimated Salary Earnings	Actual Total Earnings	Difference (Change)	Ratio Estimated Salary: Actual Total
Accounting	1967	$6,148	$7,593	$1,445	1.24
	1966	5,966	7,254	1,288	1.22
	1965	5,784	6,916	1,132	1.20
American Studies	1963	4,750	5,946	1,196	1.25
Art	1967	5,968	6,262	294	1.05
	1966	5,965	6,112	147	1.03
	1965	5,962	6,076	114	1.02
	1964	5,489	5,812	323	1.06
	1963	4,902	5,300	398	1.08
Biology	1967	6,076	7,171	1,095	1.18
	1966	5,660	6,892	1,232	1.22
	1965	5,278	6,612	1,334	1.25
	1964	5,131	6,333	1,202	1.23
	1963	4,583	5,729	1,146	1.25
Business Administration	1967	6,900	7,593	693	1.10
	1966	6,486	7,254	768	1.12
	1965	6,072	6,916	847	1.14
	1964	5,622	6,577	955	1.17

TABLE B8 (Cont.)

Major Program of Study	Year of Graduation	Estimated Salary Earnings	Actual Total Earnings	Difference (Change)	Ratio Estimated Salary: Actual Total
Business Education	1967	$6,126	$6,208	$ 82	1.01
	1966	5,833	6,020	187	1.03
	1965	5,540	5,831	291	1.05
	1964	5,143	5,643	500	1.10
	1963	4,745	5,631	886	1.19
Chemistry	1967	6,207	7,420	1,213	1.20
	1966	5,928	7,203	1,275	1.22
	1965	5,648	6,986	1,338	1.24
Clothing and Textiles	1967	5,760	6,235	475	1.08
	1966	5,534	6,230	696	1.13
	1965	4,656	5,948	1,292	1.28
Economics	1967	6,597	6,604	7	1.00
	1966	6,077	6,489	412	1.08
	1965	5,556	6,375	819	1.15
Elementary Education	1967	6,272	6,867	595	1.09
	1966	5,905	6,648	743	1.13
	1965	5,538	6,429	891	1.16
	1964	5,005	6,210	1,205	1.24
	1963	4,929	6,160	1,231	1.25
English	1967	6,042	6,219	177	1.03
	1966	5,763	6,100	337	1.06
	1965	5,484	5,981	497	1.09
	1964	5,138	5,861	723	1.14
	1963	4,791	5,426	635	1.13

TABLE B8 (Cont.)

Major Program of Study	Year of Graduation	Estimated Salary Earnings	Actual Total Earnings	Difference (Change)	Ratio Estimated Salary: Actual Total
Food and Nutrition	1967	$6,240	$6,235	$ - 5	1.00
	1966	5,580	6,230	650	1.12
	1965	5,316	5,948	632	1.12
French	1967	6,229	6,219	- 10	1.00
	1966	5,831	6,100	+ 269	1.05
	1965	5,432	5,981	549	1.10
	1964	4,754	5,861	1,107	1.23
Geography - Geology	1967	6,009	7,420	1,411	1.23
	1966	5,809	7,203	1,394	1.24
	1965	5,767	6,986	1,219	1.21
	1964	5,584	6,770	1,186	1.21
	1963	5,400	6,320	920	1.17
German	1967	5,821	6,219	398	1.07
	1966	5,528	6,100	572	1.10
	1965	5,234	5,981	747	1.14
	1964	4,941	5,861	920	1.19
	1963	4,647	5,426	779	1.17
History	1967	6,661	6,655	- 6	1.00
	1966	6,277	6,496	+ 219	1.03
	1965	5,892	6,337	445	1.08
Home Economics	1967	6,254	6,235	- 19	1.00
	1966	6,228	6,230	+ 2	1.00
	1965	5,502	5,948	446	1.08
	1964	5,388	5,666	278	1.05
	1963	5,273	5,279	6	1.00

TABLE B8 (Cont.)

Major Program of Study	Year of Graduation	Estimated Salary Earnings	Actual Total Earnings	Difference (Change)	Ratio Estimated Salary: Actual Total
Home Economics Education	1967	$6,157	$6,541	$ 384	1.06
	1966	5,861	6,317	456	1.08
	1965	5,564	6,093	529	1.10
	1964	5,231	5,869	638	1.12
	1963	4,898	5,399	501	1.10
Home Management and Family Life	1966	5,568	6,230	662	1.12
	1965	5,448	5,948	500	1.09
Junior High Education	1967	5,960	6,705	745	1.13
	1966	5,668	6,593	925	1.16
	1965	5,376	6,482	1,106	1.21
	1964	4,971	6,370	1,399	1.28
	1963	4,868	6,239	1,371	1.28
Latin	1965	5,316	5,981	765	1.13
Library Science	1967	6,212	6,219	7	1.00
	1966	5,611	6,100	489	1.09
	1965	5,410	5,981	571	1.11
	1964	5,111	5,861	750	1.15
	1963	4,810	5,426	616	1.13
Marketing	1967	6,288	7,593	1,305	1.21
Mathematics	1967	6,241	7,151	910	1.15
	1966	5,915	6,958	1,043	1.18
	1965	5,588	6,766	1,178	1.21
	1964	5,175	6,573	1,398	1.27
	1963	4,761	5,835	1,074	1.23

TABLE B8 (Cont.)

Major Program of Study	Year of Graduation	Estimated Salary Earnings	Actual Total Earnings	Difference (Change)	Ratio Estimated Salary: Actual Total
Medical Technology	1967	$6,144	$7,171	$1,027	1.17
	1966	5,844	6,892	1,048	1.18
	1965	5,200	6,612	1,412	1.27
	1964	5,087	6,333	1,246	1.25
	1963	4,974	5,729	755	1.15
Music	1967	6,035	6,262	227	1.04
	1966	5,827	6,112	285	1.05
	1965	5,619	6,076	457	1.08
	1964	5,226	5,812	586	1.11
	1963	4,832	5,300	468	1.10
Philosophy	1967	6,300	6,655	355	1.06
Physical Education	1967	6,267	6,745	478	1.08
	1966	5,999	6,485	486	1.08
	1965	5,730	6,224	494	1.09
	1964	5,305	5,963	658	1.12
	1963	4,880	5,405	525	1.11
Political Science	1967	6,630	6,604	- 26	1.00
	1966	5,715	6,489	+ 774	1.14
	1965	4,800	6,375	1,575	1.33
Psychology	1967	6,000	7,171	1,171	1.20
	1966	5,514	6,892	1,378	1.25
	1965	5,028	6,612	1,584	1.32
	1964	4,966	6,333	1,367	1.28
	1963	4,903	5,729	826	1.17

TABLE B8 (Cont.)

Major Program of Study	Year of Graduation	Estimated Salary Earnings	Actual Total Earnings	Difference (Change)	Ratio Estimated Salary: Actual Total
Recreation	1967	$5,796	$6,745	$ 949	1.16
Secretarial Administration	1967	5,222	6,208	986	1.19
	1966	4,860	6,020	1,160	1.24
	1965	4,644	5,831	1,187	1.26
Social Science	1967	6,211	6,604	393	1.06
	1966	5,894	6,489	595	1.10
	1965	5,578	6,375	797	1.14
	1964	5,491	6,260	769	1.14
	1963	5,195	5,946	769	1.14
Sociology	1967	6,216	6,604	388	1.06
	1966	5,946	6,489	543	1.09
	1965	5,676	6,375	699	1.12
	1964	5,658	6,260	602	1.11
	1963	5,640	5,946	306	1.05
Spanish	1967	6,043	6,219	176	1.03
	1966	5,947	6,100	153	1.03
	1965	5,851	5,981	130	1.02
	1964	5,352	5,861	509	1.10
	1963	4,852	5,426	574	1.12

TABLE B8 (Cont.)

Major Program of Study	Year of Graduation	Estimated Salary Earnings	Actual Total Earnings	Difference (Change)	Ratio Estimated Salary: Actual Total
Special Education	1967	$6,811	$6,705	$- 106	.98
	1966	6,766	6,593	- 173	.97
	1965	5,725	6,482	+ 757	1.13
	1964	5,388	6,370	982	1.18
	1963	5,050	6,239	1,189	1.24
Speech	1967	6,128	6,262	134	1.02
	1966	5,791	6,112	331	1.06
	1965	5,454	6,076	622	1.11
	1964	5,059	5,812	753	1.15
	1963	4,664	5,300	639	1.14

Findings. The lifetime earnings of college graduates vary by major field of study.

The earnings of women are lower than the earnings of men during the first year following graduation and much lower during the years just preceeding retirement.

Even though women who are college graduates live much longer and experience less steep declines in earnings, on average, than men beyond age 60, their lifetime earnings are much lower than those of men.

There is less variability in the earnings of men within any major program-age group.

Summer and non-salary earnings are substantial and result in total earnings which are much higher than earnings from salary alone.

As a larger portion of all graduates enter occupations other than teaching, the gap between estimated salary earnings and actual total earnings narrows.[10]

Though these findings do not counter expectations, the data at hand reveal relationships in finer detail than did the data previously available.

NOTES

[1]David R. Witmer, Seventy Years of Follow-Up Studies (Madison: Board of Regents of Wisconsin State Universities) in press.

[2]Astin and Panos suggest that 11 to 12% of the addressees of such questionnaires never receive them, and that 2% of the instruments are neither delivered nor returned.

Alexander W. Astin and Robert J. Panos, The Educational and Vocational Development of College Students (Washington: American Council on Education: 1969), page 6.

[3]Manpower Administration, U.S. Department of Labor, Dictionary of Occupational Titles, 1965, Volume I, Definitions of Titles, Third Edition (Washington, D.C.: U.S. Government Printing Office, 1965) XXIV and 809 pages.

[4]Wisconsin State University, Codes (Madison: Board of Regents of Wisconsin State Universities, 1967), 108 pages.

[5]Hubert M. Blalock, Jr., Social Statistics (New York: McGraw-Hill, 1960), pages 45-50 and 67-74.

[6]Blalock, pages 76-86.

Houthakker argues that median incomes are not appropriate for estimating income streams while Renshaw argues for their use. See

H.S. Houthakker, "Education and Income", Review of Economics and Statistics, Vol. XLI, No. 1, (February, 1959), pages 24-28.

Edward F. Renshaw, "Estimating the Returns to Education", Review of Economics and Statistics, Vol. XLII, No. 3, (August, 1960), pages 318-324.

[7]Mortality rates are based on:

U.S. Bureau of the Census, Statistical Abstract of the United States: 1968 (89th edition) Washington, D.C., 1968, page 54, and

Evelyn M. Kitagawa and Philip M. Hauser, "Education Differentials in Mortality By Cause of Death..." Demography Vol. 5, No. 1 (1968), pages 318-353.

Also see:

Herman P. Miller, and others, U.S. Bureau of the Census, Current Population Reports, Series P-60, No. 56, "Annual Mean Income, Lifetime Income, and Educational Attainment of Men in the United States, for

Selected Years, 1956 to 1966," U.S. Government Printing Office, Washington, D.C. 1968, pages 8-21, 30, and 31.

[8]Herbert Hyman, Survey Design and Analysis (New York: Free Press, 1955), page 110.

[9]Wisconsin State Universities, Placement Report (Madison: Board of Regents of Wisconsin State Universities, 1968), 16 and i pages.

Wisconsin State Universities, Placement Report, 1966 Graduates (Madison: Board of Regents of Wisconsin State Universities, 1967), 19 and ii pages.

Wisconsin State University System, Placement Report (Madison: Board of Regents of Wisconsin State Universities, 1965), 17 pages.

R.R. Clough, Placement Report, 1964 Graduates (Madison: Board of Regents of Wisconsin State Colleges, 1965), 7 pages.

Wisconsin State Colleges, Placement Report (Madison: Board of Regents of Wisconsin State Colleges, 1964), 8 pages.

[10]See: Laure M. Sharp, Maria P. Beckles, and E. Leo Edwards, Two Years After the College Degree (Washington: National Science Foundation, 1963), pages 52 and 216.